

architecture/engineering/construction

symposia

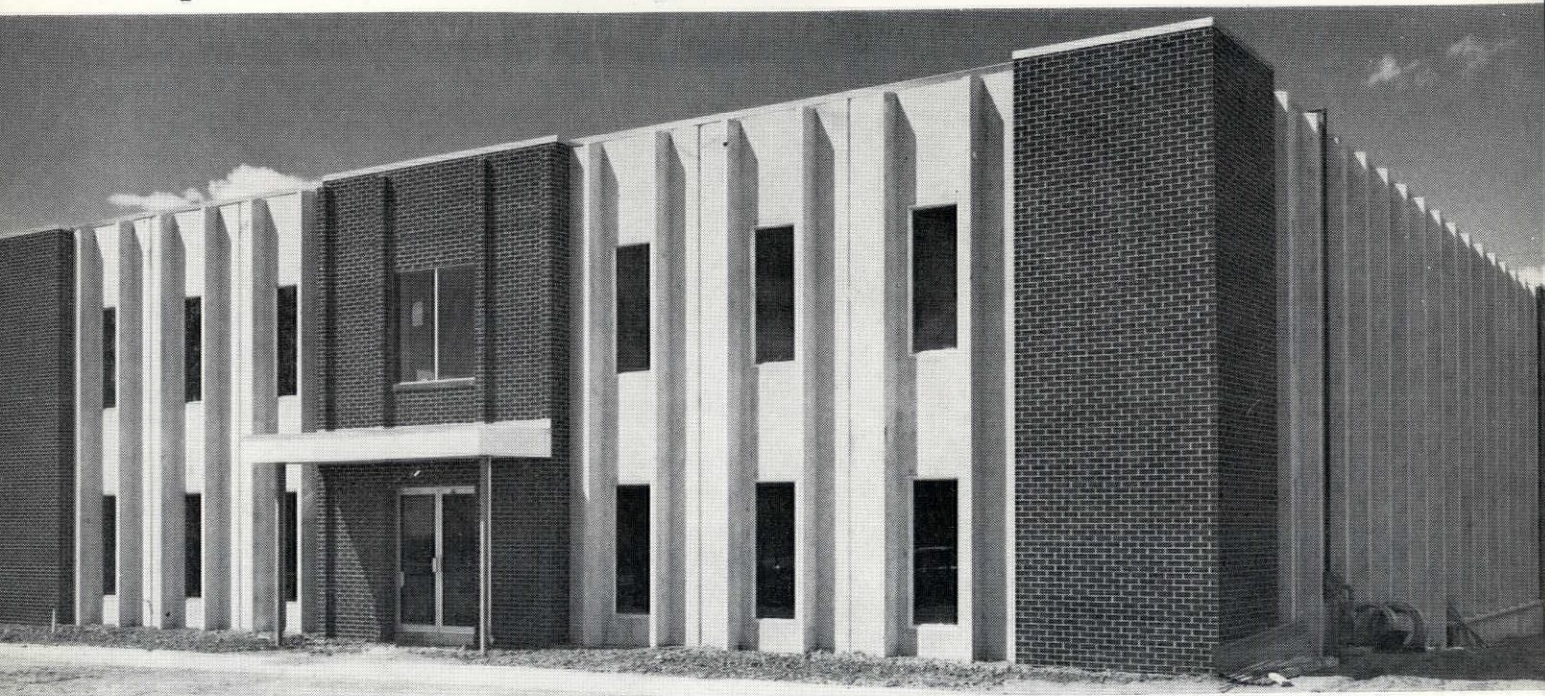
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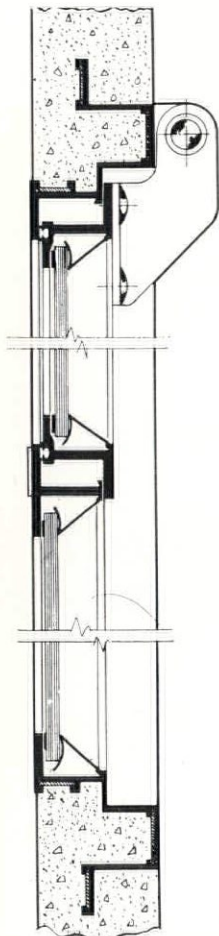
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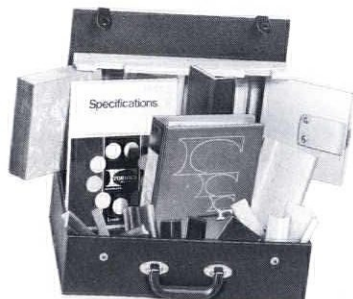
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VOLUME 4

NUMBER 12

MAY, 1970

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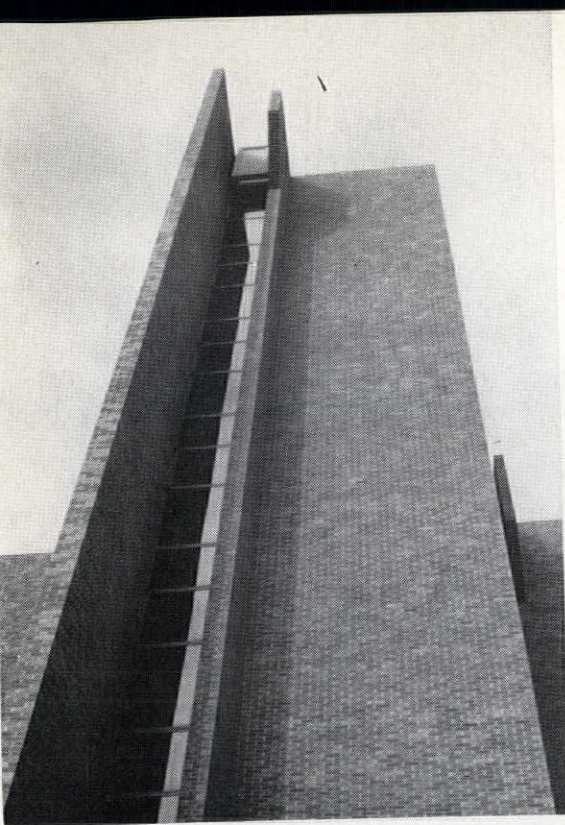
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Shown above and lower left: Blue Ribbon Liberal Arts Building, East Montana State College. Award of Merit/Montana A.I.A. Cushing-Terrill Associates, Architects.

Your Oregon correspondent recently spent a day in JPB Country—that's Montana for those of you who don't communicate. The objective of the trip was to view the Billings' Gazette's new plant with its computerized composers and offset presses.

(The Gazette Publishing Facilities were accorded a Merit Award in the 1970 Montana AIA Awards Program—architects: Drake Gustafson and Associates, Billings.)

Coming down the rimrock from the Airport, we were confronted with a multi-storied, windowless brick tower

looming over a college campus. It was decided that before leaving Billings the next day, we would take a close look at this monument to higher education. After a day and a night of "Montana Moderne" and a final luncheon with the Editor and his Staff, we were extremely curious as to who was the creator of, what seemed to us, Billings' lone architectural gem.

Our journalist friends at the luncheon informed us that a local architectural firm was responsible for this monstrosity, but actually, it had been conceived by a young buck in their back room. One writer instructed us to go down the road a couple of miles to see another architectural "weirdo"—a conglomeration of brick cubes; and while we were there, to see a far-out residence close by, done by the same guy. Before leaving the lunch, we asked the journalists if there were any other projects they didn't approve—because from all indications, we were certain we'd like them, too!

After wandering through the brick tower, which turned out to be a delightful Liberal Arts Classroom Building, we had considerably more respect for the Billings' architects, and all of JPB's boys. As an old Honor Award jurist, I was ready to hang a blue ribbon on its front door.

The pile of brick cubes down the road turned out to be a Physical Education Building done by the same firm, and it was a blue ribbon winner, too. While going through the facility, we ran into its Project Architect, who obligingly gave us the instructions on how to find the house that had so upset our

journalist friends. In giving us the instructions, the Project Architect stated that a young fellow who had worked for his firm had moonlighted the job. Since it was against the firm's policy, he was no longer with them.

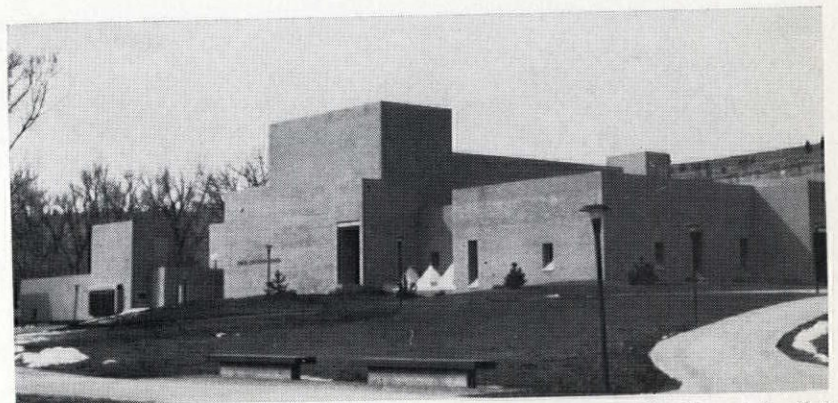
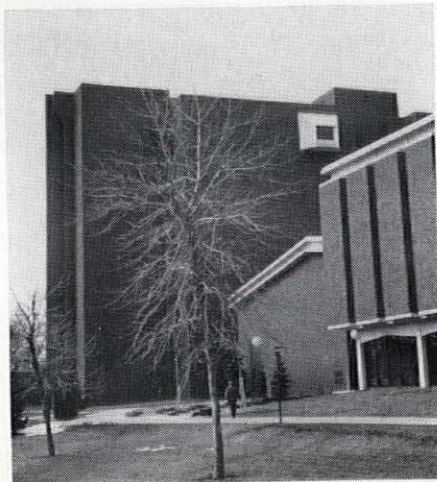
Upon seeing the house, which had similar bold colors and imaginative shapes, it became quite clear to us who had conceived the other two.

We were later told by the Montana AIA President that these buildings were quite controversial within the community, and as a consequence, the College with the brick tower had switched firms for its next project. Regardless of Billings' "tastemakers"—the only film I shot during my stay was of the brick tower and "the cubes" . . . and if the "establishment" of JPB country freezes out this talented young buck, we say—"Go West, Young Man" to the green pastures of Oregon.

There is an old Chinese saying: "One moonlighting nightingale worth more than flock of sparrows in back room."

H.R.W.

(Our "Man in Oregon" expressed some doubt as to whether Symposia would care to print his "critique" of Billings' buildings—his own graphics indicate his knowing eye and wide experience as a judge of our good Western architecture. We say "bravo" to an architect who will submit the above in neat architectural printing (hand) written at six ayem—he really cares what we look like!)



The brick cubes . . . Physical Education Building at Rocky Mountain College — Billings, Montana.



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Architects Warned of "Profitless Prosperity"

Nationally known management consultant Richard Enion, speaking to architects of the Colorado Central Chapter/A.I.A. at a Professional Practices Seminar in March, told them only sound business management will save them from "profitless prosperity" in the decade ahead.

Mr. Enion provided the "piece de resistance" at the meeting which was arranged by Neal Carpenter of Greeley who serves as Central Chapter Commissioner on Professional Practices. Mr. Carpenter had done considerable home work himself which he shared with his colleagues at the afternoon seminar. He outlined the goals of most architects for in-house improvements in office management and technology, in communications and in better client services. There was discussion of the schematics fee budget, the planning matrix and of the strides made in information management and handling as the result of technological advances. In brief, as Mr. Carpenter said . . . "It is not necessary to reinvent the whole wheel on the night before every project is due."

Mr. Richard Enion, as a management consultant, has made in-depth, in-house studies for approximately fifty architectural firms throughout the country. A principal speaker at both the national A.I.A. and C.S.I. Conventions, he has worked with a number of State Societies in the revision of Fee Schedules and making presentations in their behalf. In his talk to the Colorado Central Chapter, he stressed the importance of the solutions to problems which have been thrust upon the architect by change, and to those which architects have created for themselves. Three steps are vital, he said, to any architect who wishes to stay in business for the next ten years . . . they are: Improved fee schedules, improved office procedure, and incorporation of his firm.

On the threshold of a tremendous construction surge, architectural firms must be organized and ready, and, he cautioned his audience to remember those people "waiting in the wings" if architects cannot meet the challenge.

There is, said Mr. Enion, no perfect fee schedule. Everyone is well aware that architect's costs have climbed

ahead of construction costs which puts the percentage fee figure in jeopardy, and deters greater economy in the process by the designer. Yet, unless optimum job cost records and time factors can be calculated, the architect can well "lose his shirt" on the lump sum fee.

In order to avoid "profitless prosperity," the management consultant told the AIA members they must have better fee schedules and be able to run a practice on a more business-like basis.

In his many years of working with architectural firms, Mr. Enion has found six recurring problems . . .

- 1) Lack of formal organization
- 2) Lack of over-all office control
- 3) Lack of project scheduling and control
- 4) Lack of a formal approach to new business development. The time to seek new work is when you are busiest.
- 5) Inadequate handling of personnel, assessing individual abilities and using them effectively.
- 6) Ineffective utilization of the partner (or principal) group and the development of a management team in depth.

Although a professional, and never losing sight of his professional image, the architect today, Mr. Enion stated, must also be a good businessman. In summary, he said—"Gentlemen, in conclusion, I feel that today the practice of architecture is growing so competitive that only the firms with a good professional image, management in depth, a good organization and effective project cost controls and good business methods will survive. And, beyond all these, you can never lose sight of the human factor in your practice. Never forget that everything that you do in an architectural firm involves people. As I said earlier, without your people, you don't have much of a practice. So working within the framework of good business management and as professionals—yet being willing to take the time to solve your people problems is going to put you in a prime position, I think, to move ahead with an expanded and successful practice in the decade of prosperity that lies ahead."



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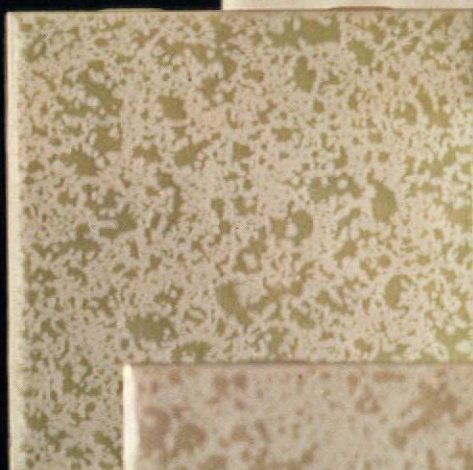


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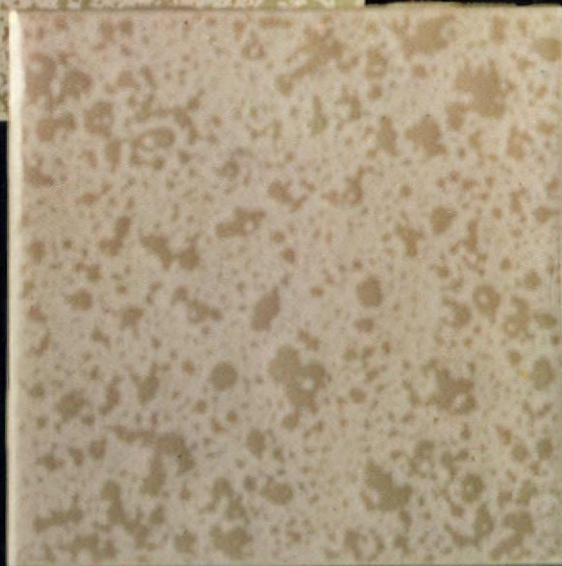
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for: Second Vice President
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Sidney W. Little, F.A.I.A.

It is our pleasure to present the beloved Director of the Western Mountain Region and Dean of the College of Architecture at the University of Arizona—Sidney Wahl Little—Fellow of the American Institute of Architects. He is, we believe, eminently qualified through education, experience and understanding of the professional and his problems to serve the Institute most ably as Second Vice President.

Almost everyone in Symposia's region knows Sid as well as we do, but—just for the record—

Education

Dean Little's Bachelor of Architecture degree is from Cornell which was followed by a summer of study at the University of Pennsylvania and a year at the Ecole Beaux Arts at Fontainebleau. He obtained his Master's from Tulane in 1942.

Experience

His brilliant academic career began as an Assistant Professor of Architecture at Clemson College and as an Associate Professor at Alabama Polytech. In 1946, he came West as Professor of Architecture and Dean of Fine Arts at Oregon University. Some eleven years later, Sid went to Tucson as Dean of the College of Fine Arts and Head of the Department of Architecture at Arizona University. Here, he has literally "passed a miracle"—bringing the Architectural Department from quarters in an abandoned Safeway store into its own handsome building on the campus, and with status as one of the fine Colleges of Architecture in the country. He has been Dean of that College since 1964.

Service

This word might well be Sid Little's middle name. For many years, he was Secretary of the Board for Registration of Architects in Alabama, and from 1950-'58, he was a member of the Oregon Capitol Planning Commission. He was Vice President of the Oregon Chapter/AIA in 1952, Charter member of the South Oregon Chapter, and a member of the National Education Committee. In 1964,

he served as President of the South Arizona Chapter; in 1966, President of the Arizona Society, and became Director of the Western Mountain Region in 1967. A member of the Commission on "The Architect at Mid-Century," he co-authored an exceptional book on this subject, concentrating on the section dealing with education.

His military service includes three years in China and Southeast Asia with the Army's Office of Strategic Services. An honorary member of the First Chinese Parachute Regiment, he holds the Army Commendation Award (4th Service Command) and is a graduate of the Command and General Staff School at Fort Leavenworth. His rank at retirement was that of Lieutenant Colonel.

Architect/Traveler/Writer

Dean Little's practice as an architect is concurrent with his academic years — although since 1952, it has been limited to consultation on design and urban planning. He has been licensed in Oregon, Alabama, Georgia, and is now registered in Arizona.

He has traveled widely—many summers have been spent in Europe—and in 1952, he spent six months abroad on the AIA Langely scholarship. Of



course, 1943-'45 were spent in China and Ceylon. In addition to "The Architect at Mid-Century," he has written the "Four Language Phrase Book," "The Climate of Tucson" and "The Climate of Phoenix." He has had many articles in professional publications. A former consulting Editor for "The Architect and Engineer," he was also formerly on the Advisory staff of "Arts and Activities." Sid Little has been a member of our Symposia family since 1967—contributing in many ways to our coverage and understanding of National and Regional A.I.A. affairs, the architectural student and his education and other significant and important professional matters.

As a Person

Sid Little is — as they say in the sports pages—"some kind of guy." He is witty, urbane, charming. He is also blessed with a wonderful wife—that's Kitty! She has the bounce and enthusiasm of a teen-ager, heaps of sparkle and shine—and a mind like a steel trap! The pair of them are the greatest thing that can happen to a meeting (or a party).

The Plug

It is our sincere belief that Dean Sidney Little will bring to the "councils of the mighty" a well-balanced approach to professional problems, a very real rapport with both the student and the young architect. He understands the small practitioner, is well versed on this new and burgeoning country "out West." May we urge his friends to elicit support for his candidacy from other areas of the country—by mail, by 'phone, by Western Union and by Pony Express. Sid Little will "do us proud" as Second Vice President of the American Institute of Architects.

Let us make the A.I.A. a "Little" better!



Sid and Kitty in best bib and tucker, Salt Lake City, 1968.

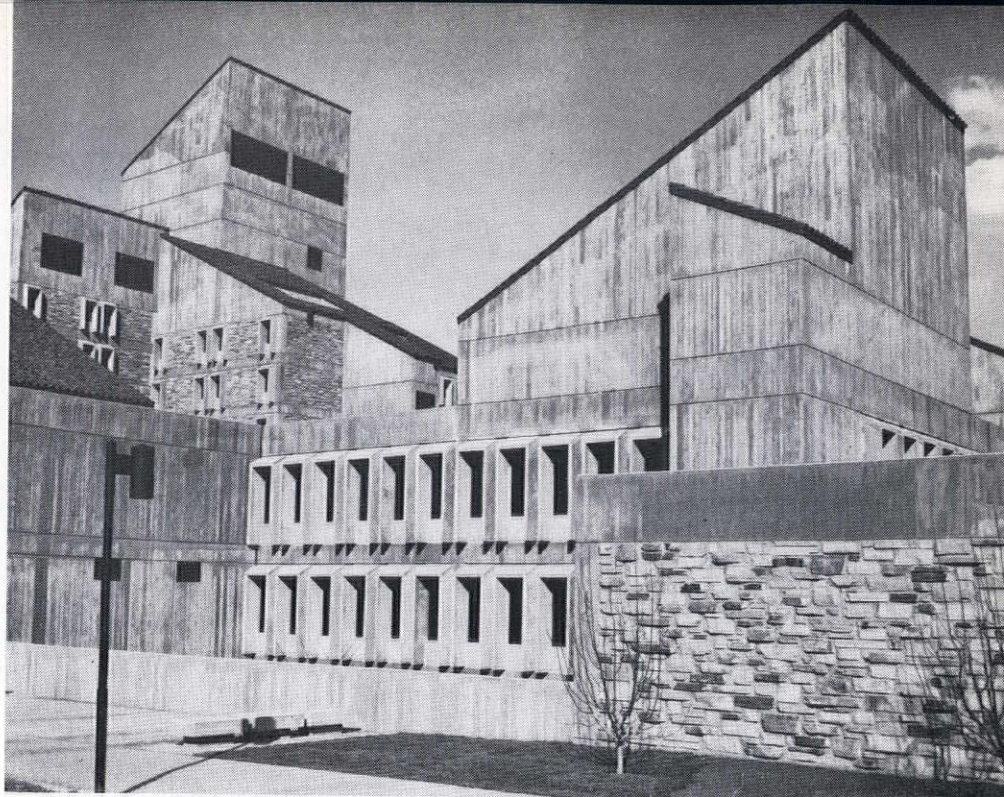
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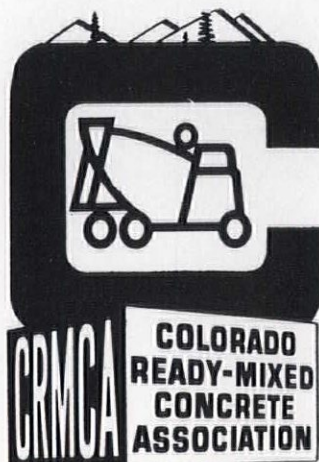
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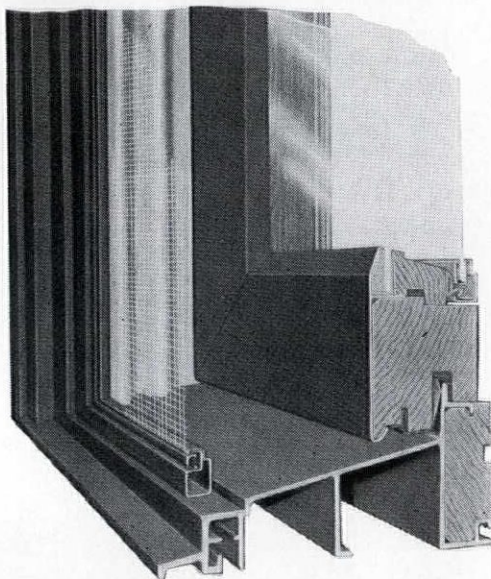
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In addition to our own Max Saul, two other new Fellows of the Construction Specifications Institute to be invested in Chicago are John Keremsky, Region 11 Director, Monterey Bay, California, and Donald A. Watson from Los Angeles. Professor Watson was in Denver in April for the CSI/Seminar-Workshop.

FORE! A.I.A. and P.C. members in Salt Lake City are busy sharpening up their games for the Annual Golf Tournament. Chairman for the Event: Symposia Board member Ashley Carpenter, AIA and Eugene Bult for P.C. This is always a "wowser".

Thomas E. Moore has joined the staff of the Denver based engineering/architectural/planning firm of Ken R. White Company. Mr. M., a Yale graduate, has served on the State Board of Examiners for Architects and taught design at the C.U. School of Architecture.

New CSI Presidents are being elected in Chapters throughout our area . . . some of these new "fearless leaders" - John Reed, Albuquerque - Elden Talbot, Salt Lake City - Dorothy Albers, Pike's Peak (first lady in the Western Section) and Dick Lehman, Denver. You'll meet them all in Symposia.

The big annual meeting of Idaho's Consulting Engineers has been scheduled for Sun Valley - June 18-20. C.E.I. members from Montana, Washington and Oregon will be invited to attend. Also on hand will be representatives from the national office in Washington, D.C.

A discouragin' word from Symposia Board member, Brad Kidder, FAIA, Santa Fe. He glooms . . . "Model Cities, the AIA Design Clinic and Urban Rehab are all bogged down here in the red tape of a minimum budget . . . still alive, but barely breathing."

Sixth Annual Bosses' Night of the Salt Lake City Chapter of the Women in Construction will be held May 18 at the Quail Run Restaurant. The theme, "Happiness Is . . ." - the speaker, Ye Olde Ed of this here magazine who thinks she'll talk about "You've Come a Long way, Baby."

Looking ahead! The A.I.A. Regional Development Committee (Ron Ginn, our Urban Affairs fellow is on this one) will hold its fall meeting in Tucson, Arizona during the WMR Conference. A great opportunity to learn more about this challenging Institute program!

Civic concern was expressed in the speaker chosen for the April 14 meeting of CSI/Albuquerque - it was Captain Lane W. Vance of the Albuquerque Police Department, the topic, "Narcotics".

How about FIVE address changes? The Colorado Pipe Trades Industry Program, the Mechanical Contractors Association of Colorado, the Colorado Association of Plumbing-Heating-Cooling Contractors . . . ditto Denver Metropolitan Association of PHC and the Colorado Chapter of the National Certified Pipe Welding Bureau can now ALL be reached at Suite 201, 1971 West 12th Avenue in Denver.



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Engineering Associates, Inc., Utah Consulting Engineers, have opened a new office in St. George to handle their assignment as engineers for Washington County.

Harry A. Cornell of Fort Collins has joined the staff of McCall Ellingson Consulting Engineers, Denver. A graduate of Colorado State University, he is the immediate past president of the Professional Engineers of Colorado.

Section Director George Petty has moved. Yep, you can write George these days at 2346 Sutter Avenue/#16 in Santa Clara, California 95050. Hard to get used to . . . George was Mr. Monarch Tile for lo these many in Phoenix!

New Money Man — the Denver Chapter of Producers' Council has a new Treasurer — Jack Shepherd of

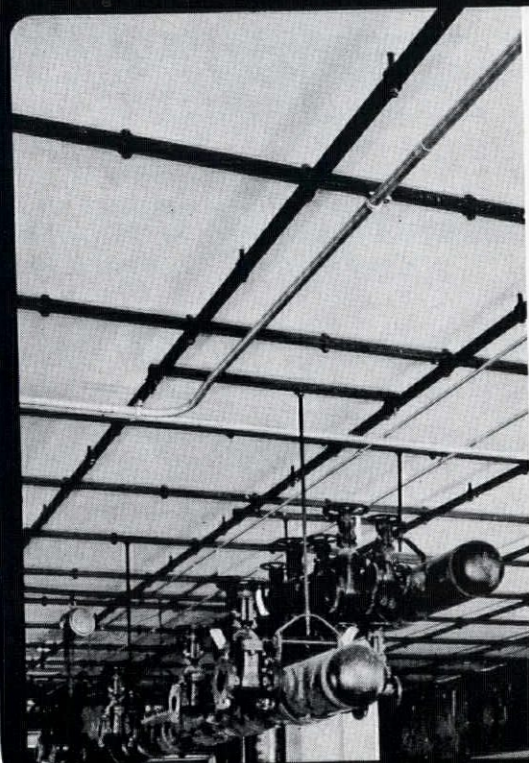
Lennox Industries. Dover Elevator's Bob Denkler had to resign because of added "on-the-job" responsibilities.

FLASH! To be welcomed into the College of Fellows of the A.I.A. in June, two familiar names from our pages . . . Board Member Bob Wilmsen of Portland, Oregon and NCARB Prexy Dean Gustavson of Salt Lake. Salutes comin' up!

symposia/about the cover

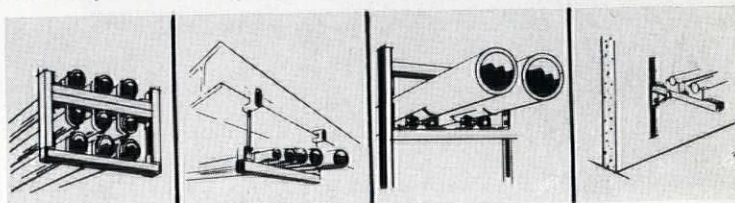
It is an old Symposia custom to review each May the progress made by Denver's very ambitious downtown renewal project "Skyline." This year, we have added to our view of the urban environment with two additional projects—the proposed high-rise State Office Building in Salem, Oregon and yet-to-be-realized "RENOvation" plan in Reno, Nevada. Our cover, of course, is symbolic of our look at the city-scape and was designed by part-time graphics-full time editor Trunk.

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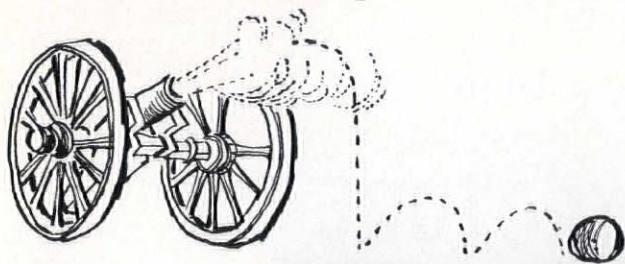


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TO:

Maxwell L. Saul
Denver, Colorado

Maxwell L. Saul, AIA/CSI, will be one of the twelve outstanding individuals advanced to the rank of Fellow in the Construction Specifications Institute at their 14th Annual Convention being held in Chicago, June 8-10. The Institute's Fellowship Award was first presented in 1959 to those who make outstanding contributions to the Institute and the industry at large. Mr. Saul is being honored for Achievement in Service to the Institute.

A native New Yorker, Max left "megalopolis" behind long ago . . . 1947, to be specific, when he entered the Denver University School of Architecture. In 1950, he traveled widely throughout Europe, receiving his degree in Architecture and Planning the following Spring. In 1960, he became a principal in the firm of Atchison, Kloverstrom, Saul and Atchison, leaving this association in 1967, to open his own office for the practice of architecture and planning.

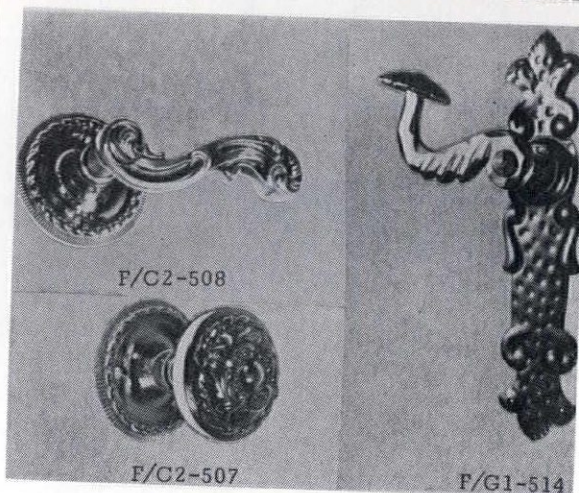
He has been a corporate member of the American Institute of Architects since 1956; he has served as President of the Colorado Chapter/AIA, and is currently Secretary of the Colorado Society. He is a charter member of the Colorado Institute of Planners.

A charter member of the Denver Chapter/CSI, he served two terms as president—1961-'63, as Region 10 Director—1963-'66, and chaired the Host Chapter Committee for the National C.S.I. Convention which was held in Denver in 1968. He has contributed significantly to the growth and influence of the Institute in this area.

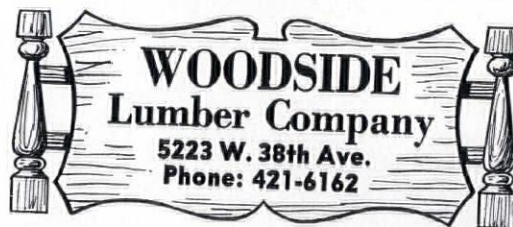
This recognition for Max is one which brings great pride and pleasure to us at Symposia—he is a "founding father," having been a member of our Editorial Advisory Board since June, 1966. He and his gifted wife, Jane (who plays a very mean Bach), are the parents of two daughters, and — if Max ever had time he'd ski or swim. Mostly it's just architecture and its many facets . . . as Jane will tell you, it's a "way of life."

So here's our Symposia Salute to Max Saul—it couldn't happen to a nicer guy!

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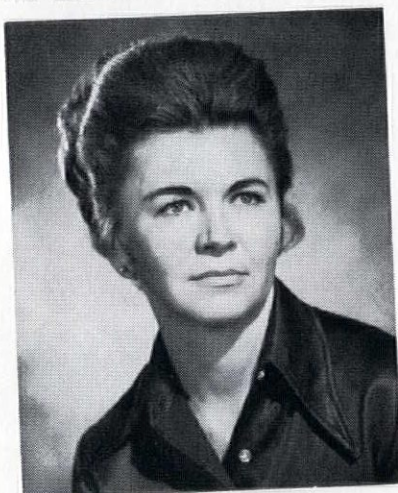
May 18 - 24, 1970
Salt Lake City, Utah

ARCHITECTURE '70

"Where Do We Go From Here?"

Here is Public Relations in capital letters—an inspired "week" devoted to interpreting to the public the architect's role and his concern for making our world a better and more beautiful place to be. This is a joint effort between the Utah Chapter of the American Institute of Architects and the Women's Architecture League of Utah. Chairman for the A.I.A. is immediate past Chapter president, William Richardson—Chairman for W.A.L., Marlene (Mrs. Ralph) Edwards who had the idea to begin with. We would fire a resounding Symposia Salute to each and every member of the Utah Chapter/AIA, to the Ladies of the W.A.L., to both faculty and students in the Architecture and Art Departments at the University of Utah, to Producers' Council, and all those others who have labored to make this an outstanding "week" for the citizens of Utah. And whatta program!

THE CHAIRMEN



Marlene Edwards/W.A.L.



Bill Richardson/A.I.A.

CALENDAR OF DAILY EVENTS

- Saturday, 16/May:** 8:30 p.m.—"Architecture Week Documentary" to be shown on "Camera 4"—KCPX Television, Channel 4. Ralph F. Evans, AIA, Chairman.
(This Documentary Film to be repeated on Sunday, 24/May.)
- Monday, 18/May:** Noon—Producer's Council Luncheon with a special program. (Gracious PC Prexy, Bill Howe, has invited Editor Elizabeth Trunk and Board Member Nancy Carpenter to attend as guests.) ((We're accepting.))
5:30 p.m.—Balloon Raising and Open House at the Utah Chapter/AIA Office. A Gay '90's Gala. Ralph Edwards, AIA, Chairman.
7:00 p.m.—"Happiness Is," Sixth Annual Bosses' Night—Women in Construction/Salt Lake Chapter. Speaker: E. Trunk, Editor.
- Tuesday, 19/May:** Combined Service Clubs Luncheon. The speaker is as yet unannounced but will be someone of national stature. Presentation of Design Competition Awards. Fred Montmorency, AIA, Chairman, with Bruce Jensen and Bill Browning.
- Wednesday, 20/May:** 8:00 p.m.—A special showing of A.I.A. Films at the Theater, Salt Lake City Public Library. Chairman: Roseann Crowley, WAL.
- Thursday, 21/May:** 8:00 p.m.—Student Awards Party at the Old Mill. Complete with light show and rock group. Stanley Hallet, AIA, Chairman.
- Saturday, 23/May:** Home Tours and Tea—Tickets available at the AIA Chapter Office, \$2.00. Chairman: Marlene Edwards, WAL, with Roseann Crowley and Lyn Christopher, WAL, and Jim Christopher, AIA.

AND ALL WEEK LONG

Architect's Program in 40 Area Schools—Fran Daniels, WAL, and Burtch Beall, AIA, serving as Co-Chairmen.

Exhibit of Architectural Renderings: Salt Lake Art Center.
Chairman: Spencer Smith, AIA

A Public Guide to Utah's Award Winning Architecture—Ann Blackner and Betty Bailey (WAL, natch)—Chairmen.

Window Displays in downtown Salt Lake—Spencer Smith, AIA, Chairman.

Utah Architect Magazine—a Special Issue—David R. Hayes, AIA, and Boyd A. Blackner, AIA, Chairmen.

And, Symposia who has declared itself an unofficial member of this most distinguished group because: a) we'll be there for part of the celebration, and b) it's such a great idea!

A SPECIAL SALVO TO: A SPECIAL COUPLE—Betty and Roger Bailey

by: Nancy Carpenter, WAL/NAWIC

Architecture Week in Utah seems to be the most auspicious time to salute two people who have contributed so much to the profession, and to Utah where they have made their home since 1949.

Roger Bailey, FAIA, is Professor Emeritus of Architecture/University of Utah, and Emeritus member of the AIA. A Cornell graduate, Professor Bailey won the Paris prize and studied abroad for three years. In 1929 (a fateful year), he became a registered architect in New York and in the following year was a co-winner in the National Competition for the Chicago War Memorial. He began his teaching career in 1932 at the University of Michigan—and here Betty enters the picture! It was almost inevitable since her father was Dean of the College of Architecture and Design at Michigan and Roger's boss. And the boss's daughter was (and is) quite a girl! Graduate of Michigan's College of Architecture and Design, she has done post-graduate work in crafts at the Cranbrook Academy, worked as an Interior Design consultant and has done advertising design for both a newspaper and an advertising agency.

Roger and Betty Bailey "discovered" Utah on a vacation trip, and it was a case of love at first sight. Professor Bailey had continued his academic career at Yale and Cornell, but when he inquired at the University of Utah about a Department of Architecture, he found there wasn't one. That became his "job," and from 1949 until 1963, Roger has brought the Depart-

ment a long way from a basement classroom to a beautiful new Fine Arts Building currently being constructed on the "U" campus.

He initiated, in 1961, a Ph.D. training program in Architectural Psychology and from 1964-'70 has been principal investigator on three research projects sponsored by the National Institute of Mental Health. Presently he is writing a report of "Study of Beneficial or Detrimental Effects on Behavior of Staff and Patients of Architectural Design of Mental Health Facilities, Fort Logan, Colorado."

Betty has served her community with unflagging enthusiasm since coming West. She was first president of the Salt Lake Fine Art Center Alliance, was on the committee organizing the Utah Heritage Foundation, YWCA, Community Chest and WAL—she has shared time and talent with them all. Recently she and her husband teamed up to do a job for the AIA "Assist" program.

The Baileys are "green thumbs"—indoors in winter, outdoors in summer. Roger's hobby is watercolors and Betty's—Roger and golf, in that order. You have now met the Baileys, stimulating and delightful people, who have contributed so unselfishly to both the community and to architecture.

We can only salute them with a Special Salvo during Utah's first "Architecture Week."

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our urban environment

"History is always made in and by the city; it is the main scene of the commerce and industry that makes civilization possible, and of the cultural activity that makes it manifest."

Herbert Muller—"The Loom of History"



SKYLINE|DENVER ...plus three years

THE PLAN

"Total city planning. By means of a total gesture, of a universal undertaking, of a great plunge taken without a backward look, we shall make the new age a reality and provide ourselves with all the basic pleasures."

Le Corbusier—"The Radiant City"

At the genesis of Urban Renewal, cities across America cried out in piteous tones to the young Lochinvar in shiny "government-grant" armor to ride from his castle on the Potomac and rescue them from the villain, Obsolescence. The fact that much of the City's plight was of her own making, born of apathy and of greed, was beside the point. She was tied to the railroad tracks and screaming bloody murder. Indeed, Lochinvar did ride forth—but because there were so many maidens in distress, he certainly couldn't get around to everybody, and since he was really an amateur on the job, often didn't succeed when he arrived. It was not unusual for a City to discover that instead of alabaster she had "Hiroshima Flats," and that Lochinvar had done more harm than good.

We have come a long way, and in the process have picked up a little "expertise" on the re-structuring of our cities. Although as Ian Nairn suggests, "The aesthetics of city planning is one of the most complex problems that man has set himself," plans have been made—good ones—and they are being implemented by not only Lochinvar but through private enterprise and by, occasionally, the City itself.

Denver has been singularly fortunate . . . in both its plan and in the self dedication of those administering it. Given citizen approval in May of 1967, Skyline/Denver is a surprisingly robust child at three in this year of 1970. The

basic concepts, the "plan," if you will, is the work of architect, Marvin Hatami, and he was so cited by Progressive Architecture for "urban design excellence." The business of Skyline is administered by Mr. Robert Cameron, Denver Urban Renewal Authority, and by a group of unselfish citizens who serve on the Board of Commissioners. There is a hard-core integrity among the people involved in this project which Denver's city administration and its people will only appreciate when Skyline/Denver is finally complete.

THE BUILDINGS

"As we thus restructure cities and suburbs with social concern, we will find that the individual building assumes a higher purpose than immediate profit for its owner. We will find that the meaning of architecture is in its response to its place — its place in nature, its place in the community, and its place in the whole urban ecology."

Von Eckardt—"A Place to Live"

On January 12 of this year, all the V.I.P.'s were present at the ground-breaking ceremonies for the "first" of Skyline's big projects. This marked the beginning of construction of the Del Webb-Prudential Insurance complex which will occupy all of Block 26. (This joint venture, and another in Oahu, Hawaii, are being built under the name of "Inscon.")

At this writing, there is "some kinda" hole in the ground since there will be six hundred parking spaces on three levels beneath the structures and open plazas. It is certainly this "open space" concept by the architects, the firm of Flatow, Moore, Bryan and Fairburn of Albuquerque and Phoenix, that makes this complex so unusual.

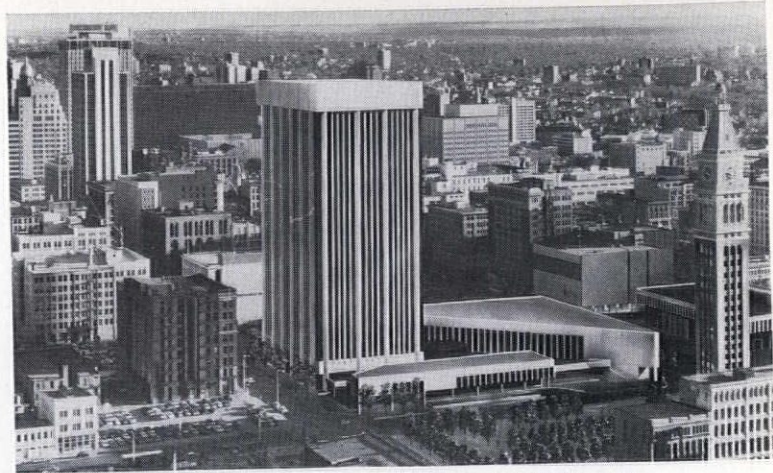
The DURA Master Plan has set criteria for 40 per cent open and landscaped area which the architects have handled masterfully. A 55-foot setback along 16th, the retail shopping street in downtown Denver, is landscaped and provides gracious strolling and "window shopping" space. More than 100,000 square feet of retail and commercial area is provided here and in the two- and three-story adjoining building. Facing upon a plaza is the twenty-five story Office Tower building which will contain 500,000 square feet of gross area.

It was reported in the "Webb Spinner," newsletter of the Del Webb Corporation, that during excavation, workers struck gold at fifteen feet down. It wasn't enough to start a second "Fifty Niner" rush, and certainly a mere "flash in the pan" compared to what the \$23 million Webb-Prudential complex will bring to Denver in urban amenities and taxes. Construction of the project is "on the nose" and is scheduled for completion in the late Fall of 1971.

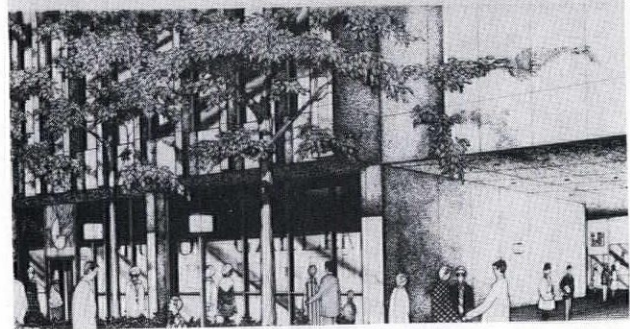
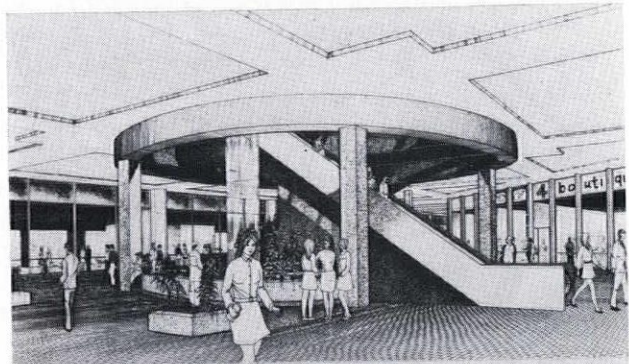
On January 31, 1970, DURA announced negotiations on the \$20 million development of Block 18—a joint venture of Leavell Enterprises, Inc. of Denver and El Paso, the Central Bank Building corporation, wholly owned subsidiary of Central Bank and Trust of Denver, and Rio Grande Industries, Inc. of Denver. This is the first really large local investment in Skyline, and, indeed, is one of the few in the past quarter century in the downtown section. Although no architectural schematics will be available from the architectural firm of W. C. Muchow Associates of Denver until summer, the concept does encompass a 20-story office building paralleling 15th Street, a 12-story office structure along 16th Street, and an 8-story general commercial and office building as a connecting link on Arapahoe parallel to the proposed Skyline Park.

In the 1969 survey of Skyline, we expressed some concern for the fate of Block 18 and Skyline Park—we can now, we believe, rest assured. As in Block 26, forty per cent of the total land area will be open space with extensive landscaping. Three underground levels will provide parking for approximately six hundred cars. Only rumor at present, but the design may well incorporate the imaginative use of landscaped terrace levels connecting commercial, retail and banking areas. We are in good hands with Bill Muchow in charge.

All of Block 29 and a portion of Block 14 are earmarked for the Luby Chevrolet Company, a \$1.2 million development which will include both new and used car showrooms, offices and extensive service facilities. Skyline criteria, coupled with the concern of Architect Norman Hodge and his client, the Luby Company—an entirely innovative



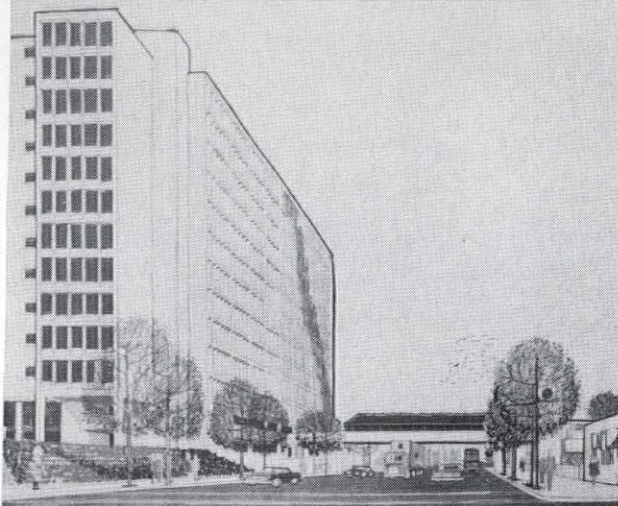
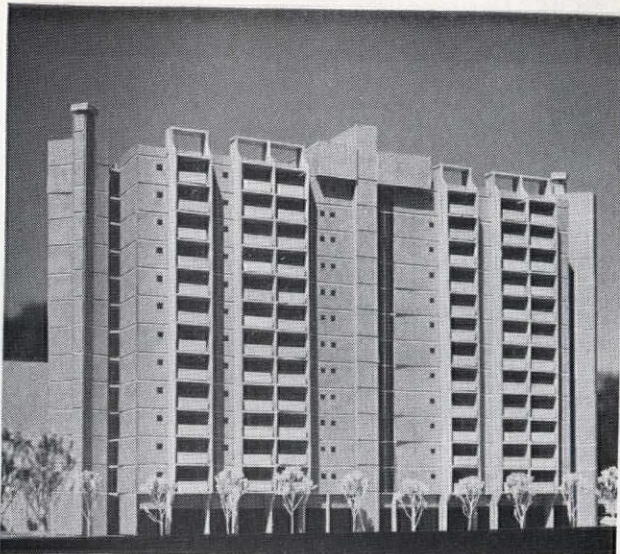
Photographic legerdemain places the new Webb-Prudential Building in its Skyline setting.



Schematic of the tile-paved escalator rotunda to the second pedestrian level shown above. Below, a glimpse of the landscaped setback on 16th Street.



Architect Norman Hodge's rendering of the Chevrolet Agency . . . the sign will be somewhat smaller.



The People Places (top to bottom) Skyline Park Apartments—Maxwell L. Saul & Associates; Volunteers of America Housing Complex—Hornbein and White; Apartment/Commercial Development of the Tri-State Buddhist Church—Bertram Bruton, Architect.

structure is envisioned. The facilities for display are entirely enclosed, with new car storage and service customer parking available on the screened roof deck. Even drive-ways into the service departments will be landscaped. Architect Hodge chuckled that most automobile dealers would have heart-failure at the budget allocated for landscaping purposes on their Luby-Skyline project.

THE PEOPLE

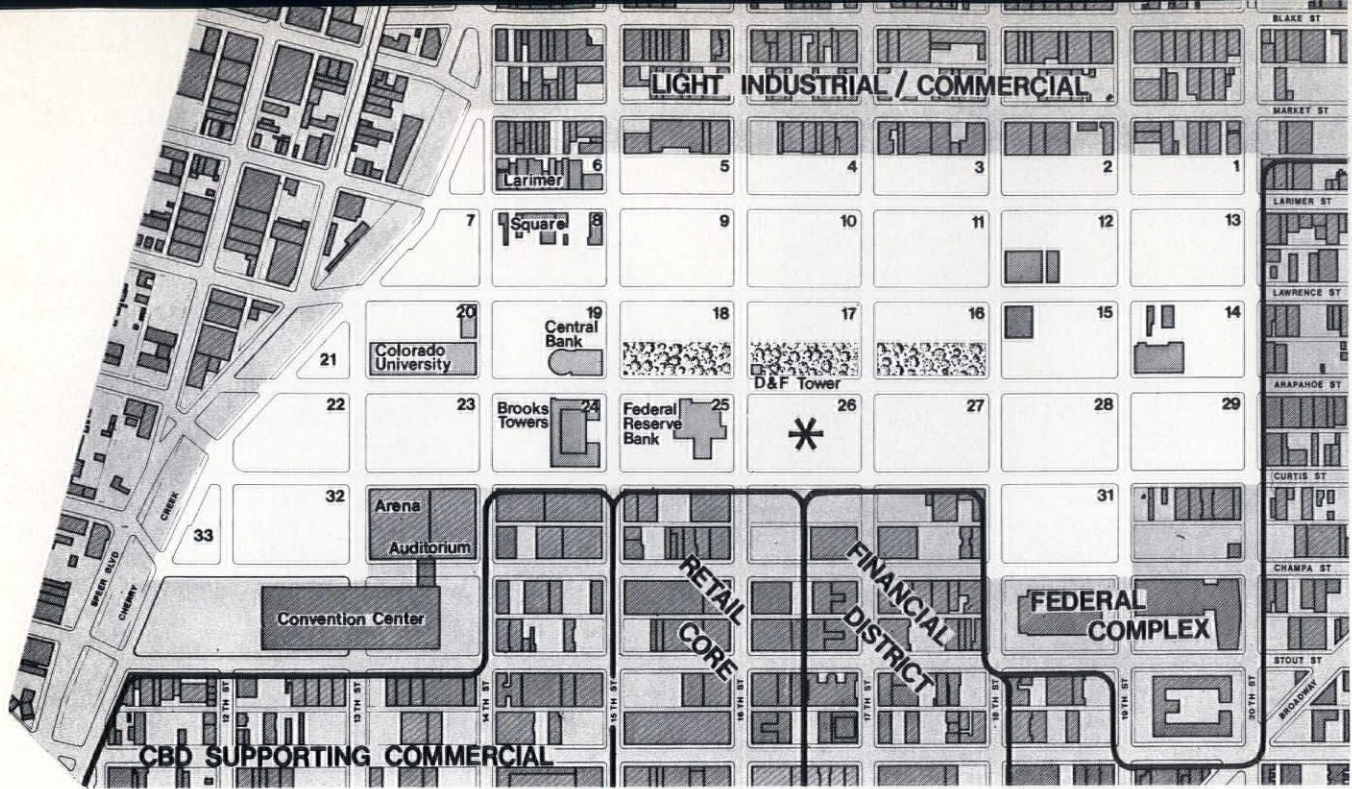
"If people do not like being crowded, why do they persist in going where they will be crowded? How much is too much?"

William H. Whyte—"The Last Landscape"

As Mr. Whyte points out, America's urban densities are quite low—overcrowding, too many people in a room, is not the same thing at all as high density. It is people—and lots of them—who make an urban setting, and projected housing for Skyline indicates a far higher density than the 90 families who lived there in 1967. Brooks Towers with about five hundred apartments is high-rise, high-cost housing for the affluent. Three other developments are for the not-so-rich. About half of Block 15 is the site for "Skyline Park Apartments," a 143-unit, \$2 million development of Urban Housing Associates, Ltd., a Denver firm of private investors. Plans drawn by Maxwell L. Saul, AIA, and Associates call for an 11-story structure with ground floor commercial space, one- and two-bedroom apartments above with off-street parking and landscaped open spaces. One-bedroom apartments are designed for rental at about \$100 per month, including utilities, for families qualifying under the new FHA Section 236 program . . . in no case will rents be more than 25 per cent of adjusted income. Financing is through Robert G. Boucher of the Mortgage Investments Division of the First National Bank of Denver—Contractor for the project is Lembke Construction of Colorado, and completion is projected by the Spring of 1971.

A \$3.5 million development contract was signed by DURA and the Volunteers of America on February 9 for the construction of 242 apartment units for elderly, low-income people who now live in and close to the Skyline area. Designed by Denver architects Victor Hornbein, FAIA and Edward D. White, Jr. AIA, the 11-story apartment building will be constructed with appropriately landscaped open space on the north side of Larimer Street (Block 2). A pedestrian overpass doubling as a greenhouse will lead to the commercial buildings across the street on Block 12. Shopping facilities will include pharmacy, food and clothing stores, medical clinic, shoe repair and craft shops. There will be dining, recreational and educational facilities provided for residents as well as 130 off-street parking spaces. Fifty-eight per cent of the land area (57,000 square feet) will be landscaped open space. Construction is expected to begin about June 1 with completion scheduled for sometime between June and August of 1971. This is a unique project since it meets all needs of the low income elderly in one location.

The Tri-State Buddhist Church Apartments, Inc., a non-profit organization, will develop Block 13 in Skyline. The \$3 million project combines commercial development on two levels constructed around a landscaped courtyard in the Japanese tradition. The Residential Tower will consist of 19 floors of apartment units (190) with a penthouse containing lounge, game and recreation rooms and roof terrace. Designed by Bertram A. Bruton, AIA, Architect, construction is slated to begin in the latter part of 1970.



MONEY

"Money makes the mare go."
Old Folk Saying

In 1968, the assessed valuation of Skyline/Denver was \$7,343,000, and brought to the City a tax revenue of \$529,000, which, of course, didn't pay the housekeeping bills. As of April 1, 1970, new development committed in the area is in the neighborhood of \$53 million and that's a much better neighborhood. Although assessed valuation will not reach the 53 million level, it is obvious that Urban Renewal in Denver has been good business for the tax collector. DURA Director Bob Cameron anticipates at least three more proposals for Blocks 5 and 9 on or about the first of May. Earlier proposals for this development were found to be unsuitable by Skyline.

Denver and its citizens stand to reap still another reward from Urban Renewal. Because of criteria calling for open space and parking facilities, private money will provide about 20 acres of landscaped open space in the core city, and much needed additional screened off-street parking facilities. Civic improvements on somebody else's dollar—that's great work if you can get it!

THE TOWER

"A man's home is no longer his castle when the total environment is altered unrecognizably."
August Heckscher

We have chosen the "Tower"—the Italianate-inspired work of an earlier era—to symbolize the "it's not all beer and skittles" department. Preservation of the old Daniels and Fisher Tower is something dear to the heart of many citizens of the Mile High City—to date, nobody has done much about it. Restoration costs and small square footage in the Tower itself preclude its preservation as a paying commercial investment. How then can the Tower be saved? It is, we believe, squarely up to all of us who remember and love this part of our past. Symposia recommends the formation of a "Save the Tower" committee to establish a non-profit Foundation for the purpose of preserving this landmark, of restoring it to useful life within the community. All it takes is **money**, and people who care can raise money. We have only to accept the

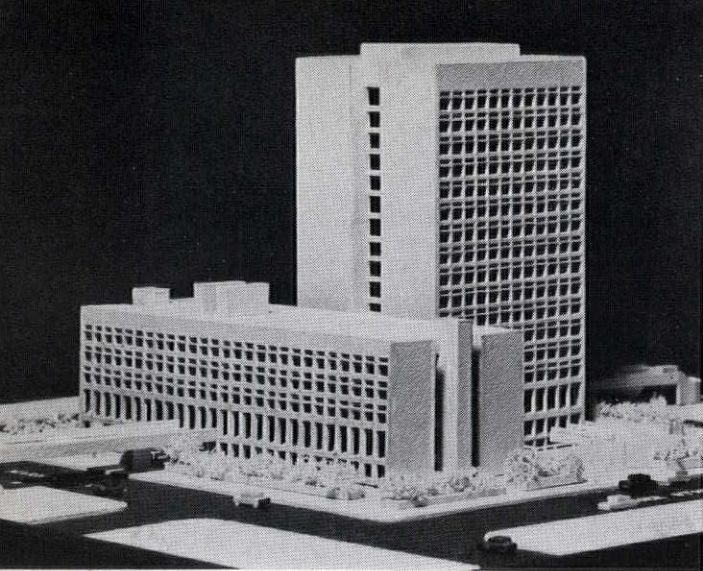
challenge. In words of one syllable . . . "Let's put our money where our environment is."

Still to be solved is where to put the "population explosion" furnished by Detroit and environs. The "cause celebre" on this touching topic is the Frontier Hotel which through some rather interesting "hanky panky" (see Symposia/May, 1969) obtained an "exclusion" from Skyline from Denver's highly political City Council. Owners of the Hotel have signed an agreement with DURA to spend approximately \$250,000 on renovation to meet Skyline standards which on a building of no architectural significance and worth far less than the renovation costs seems economic folly and representative of a kind of "dog in the manger" kind of thinking. Block 23 where the Frontier is located, across Curtis Street from the Auditorium and Annex, has been considered a prime location for a parking structure.

Only now, after years of transportation problems, has the City of Denver made a move to save itself from "urbanicide." Public facilities for moving a burgeoning population have been woeful for lo these many, and the "one-man/one-car" philosophy is deeply engrained. At this writing, the City is conducting negotiations to purchase the franchise and equipment of the Denver Tramway Corporation, and even when this is accomplished—the manifold problem of moving Denver's thousands from one place to another is staggering. Air polluting diesel buses will not do . . . there has got to be a better way!

A small part of the transportation headache in the core area may be solved by a small fleet of mini-buses which will begin operation about July 1. One-third of the cost of these buses will be paid by the Downtown Denver Improvement Association whose Executive Director is the most public-spirited Philip Milstein, one-third by the City and the other third by the Federal Government.

But to complete our Skyline Report/1970 on a far more optimistic note—submissions are being reviewed, recommendations are forthcoming, and announcement is impending on the selection of an architectural/landscaping firm for the planning of Skyline Park—the linear green strip which sets this urban plan, up with the best of them. Denver's Urban Renewal program is toddling—next year, Skyline should be walking forward into a bright future.



Architect's Model of the Oregon State Office Building showing the landscaped set-backs, open courtyard and pedestrian overpasses.

... TO BE OR NOT TO BE is that the question?

(For some months past, the State of Oregon has been suffering from the "every man his own brain surgeon" syndrome—an endemic condition becoming active when tradition is threatened, and almost always occurring in connection with governmentally controlled projects. The characteristics are a plethora of verbiage in the popular news media, a "hue and cry" among sections of the populace and visual aberration of such small details as costs and land use. Prognosis in this syndrome is difficult. Whatever the decision reached in the "councils of the mighty," somebody is going to be unhappy—and there is always that ever present chance that whatever is built may cost more because of delay and/or compromise.)

Our Case in Point: The proposed sixteen-story State Office Building to be constructed near the north end of the Capitol Mall in Salem, Oregon. In brief—this is its short history.

The 1969 Oregon State Legislature introduced and enacted legislation (House Bill 1843) which instructed the General Services Department to prepare plans by July, 1970, for the construction of a multi-storied State Office Building on the Capitol Mall in Salem, with the expenditure of State funds not to exceed the sum of \$11,764,961.00 and a completion date of July 1, 1972. Planning and Construction Funds were to be obtained either from the State Bond Issue which is to be voted on in the May, 1970, Primary, or borrowed from State Employee Retirement Funds. In either case, the Office Building is to be amortized through payment of rent by the many State agencies now leasing space from private business within Salem, and by State departments now located in Portland and Eugene which will move onto the Mall. Other departments will vacate space within the Capitol building to provide needed legislative offices and committee rooms.

The General Services Department designated the block bounded by Marion Street, Winter Street, Union Street and Summer Street as the site for the new multi-storied State Office Building. Further, they established the requirement of 260,000 square feet of net office space, on-site parking for 140 automobiles, and estimated that 2,000 employees would work within the office building. The Department of General Services selected Architects Wilmsen, Endicott, Greene, Bernhard and Associates of Eugene and Portland to design the project. Since July, 1969, this architectural firm has investigated the many sizes and shapes of office buildings which could be constructed on this site. A dozen of these schemes were studied for efficiency of space use, adaptability to adjacent state buildings, harmony with the Mall master plan and economy of construction, and these findings were periodically presented by General Services and their Architects for consideration to the State Capitol Planning Commission. In December, 1969, the General Services Department selected the 16-storied high-rise scheme with an attached five-storied wing facing onto the Mall as the best solution to the problem. It was presented to the Capitol Planning Commission the same month and was unanimously approved. The scheme

was presented to the Salem Planning Commission in March, 1970 and was endorsed in its entirety. Preliminary plans have been reviewed with the Governor and his Staff, and have been enthusiastically approved to the extent that they plan to move into the building to thus provide space for the Legislature within the State Capitol. Final plans and specifications are now being prepared by the Architects for presentation to the State Emergency Board at their July, 1970 meeting.

From initial presentation by the Architects, there has been a "printer's ink" battle waged in the public press. Both the Pendleton East Oregonian and the Eugene Register-Guard expressed concern about a building which would top the statue of the Pioneer ("Golden Boy") atop Oregon's State Capitol. They wondered "if it is wise to erect a building that will dominate the Capitol itself." Echoed the Salem Oregon Statesman, "We agree that such a radical departure from previous conceptions of how the Mall will look deserves public exposure and consideration before plans for the building become too firm." (This brief statement all by itself puts everybody into the act — i.e.: E.M.H.O.B.S. syndrome)

Suggestions, of course, have been forthcoming. The Corvallis Gazette-Times inquired—"Maybe the pioneer could put on a taller hat?"—the Eugene Register Guard wonders—"Maybe the answer is to buy Golden Boy elevator shoes."

As so often happens on public building projects, sentiment and nostalgia too often prevail. Caught in the midst of the statewide newspaper editorial debate, the Architectural Firm in question is plagued by still another complication. These same architects about ten years ago prepared the long-range Master Plan for the expansion of the Capitol Mall—and sold their idea well. So it is that since early 1970 the firm of Wilmsen, Endicott, Greene, Bernhard and Associates have been telling their fellow Oregonians that "Times have changed." And the principal thing that has changed during the decade between original concept and high-rise is the space need for governmental functions. The firm too has had to face the grim facts of high construction cost and spiraling land values. Their case for the proposed structure—answering fully the General Services criteria for the space required, can be enumerated in

this way.

1) Considering the value of land on the Mall, and the long range requirements for future building sites, this scheme is the most efficient use of the one-block site.

2) In contrast to a 10-storied bulky building which would crowd all property lines, this scheme creates open landscaped spaces on grade and provides generous set back from all streets.

3) The 5-storied wing faces onto the Mall, and relates to the existing marble-clad State buildings. It terminates the formal grouping of the mall, and repeats the low cornice line of the existing buildings and the future Supreme Court Building. It defines the future Plaza between Marion and Center streets west of the future Supreme Court.

4) The 16-storied high-rise is behind and interconnected to the low wing, and its lower stories are thus visually obstructed from views down on the Mall. The high-rise is located to the rear and to one side on the site to avoid blocking the view of the Capitol rotunda down Summer Street.

5) Expansion of the Mall northward to D Street has been anticipated with the continuation of linked underground parking, the repetition of staged five-storied buildings and high rises which would be inter-connected, to create a system of office buildings which would best utilize the remaining land on the Mall.

6) To meet the requirement of 260,000 square feet of net office space and the budget of \$11,764,961, it is mandatory that the project be built with economical materials and modern construction systems. With the guidance of professional estimators and experienced contractors, the decision was made to construct a reinforced concrete high rise with repetitive floors which will stack utilities and services—a system used nationally by private developers and builders.

7) The resulting scheme will be a graceful aggregate faced office building, with views across town and up the Mall for its 2,000 occupants. (Parking for 137 automobiles is provided underground—and this space used in other State buildings for cafeteria facilities is, we believe, relegated to its proper usage. The Cafeteria in the new office building is on the second floor.) It will be a flexible office

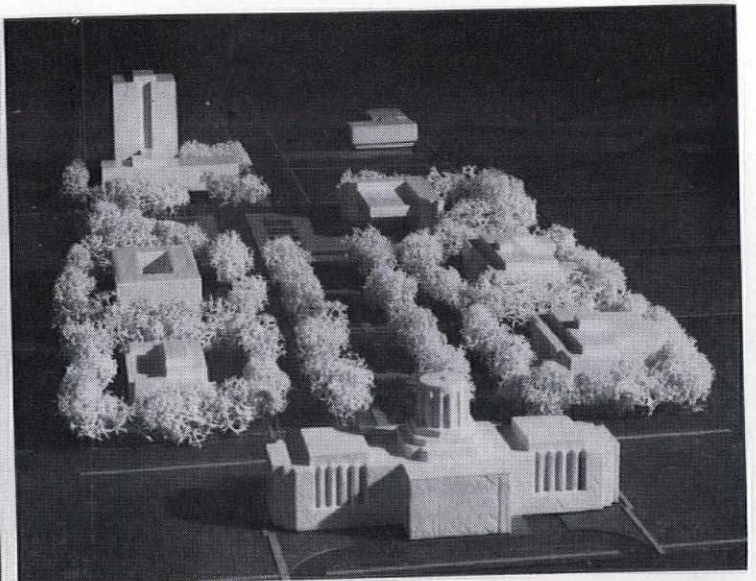
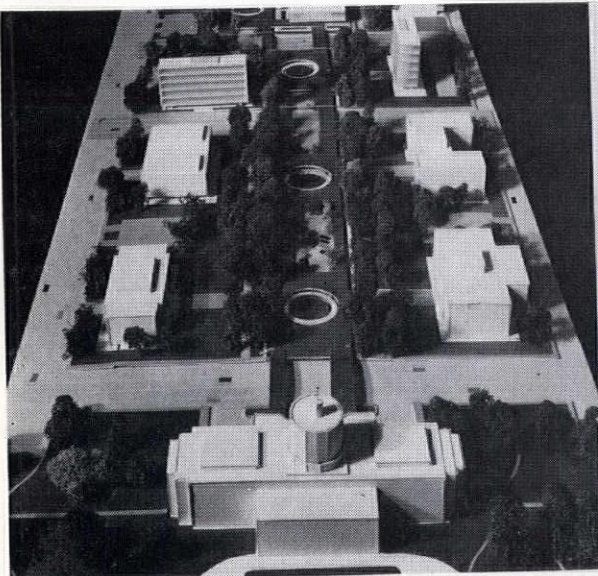


Office building placed photographically in present Mall setting. The "parking lot look" recalls Critic Allan Temko's admonition for civic spaces where "you can walk and think without getting a Buick up your backside."

building which will permit easy revision, and will have efficient interior spaces which will be conducive for work.

Robert A. Futterman, the highly successful real estate developer and entrepreneur, in his book, "The Future of Our Cities," has written: "Public office buildings, to house state, city and federal bureaus, should not be planned to occupy prime commercial space. . . . Such buildings, it must be remembered, do not pay taxes, and should not take land which might otherwise produce great amounts of municipal revenue."

The question facing Oregon is really not that of "to be or not to be"—but whether common dollars-and-horse-sense will prevail against sentiment. We would hope the amenities of the open spaces at the ground level where people really live will, in the final analysis, triumph over the not-so-tall "Golden Boy" atop the Capitol. Maybe those elevator shoes aren't such a bad idea, after all.



Original Mall Plan of ten years ago on the left shows some high-rise development. To the right, Mall as developed with 16-story office building set back, allowing undisturbed view of Capitol.

project:

RENO VATION

(With tourism as the economic mainstay, concerned citizens of Reno, Nevada, have created a non-profit corporation for the purpose of maintaining and developing its urban core to its full potential. This is Project: RENOvation. A master plan for downtown development has been prepared by Livingston and Blaney, San Francisco, serving as coordinators for the five specialist firms . . . Architects and Planners: George T. Rockrise and Associates; Landscape Architects: Royston, Hanamoto, Beck and Abey; Transportation: Alan M. Voorhees and Associates; Engineering: Kennedy Engineers and Economic Consult-

ants: the Real Estate Research Corporation. Graphics by Robert Odermatt (Rockrise and Associates) and much of the material in this feature is from their study. Additional material has been sent us by Symposia Board Member Edward S. Parsons, AIA, a RENOvation Trustee, Chairman of the River Beautification Sub-Committee and President of the Nevada Association of Architects/AIA. Ed expresses very well the sentiment of his RENOvation colleagues when he writes . . . "All we need is money—we've got the spirit and the Gung-Ho!")

"Each downtown," Livingston and Blaney point out in their report, "like each individual, has a unique combination of strengths and weaknesses. The problem is to make the most of the strengths and to eliminate or learn to live with the handicaps." In summary, Reno has these advantages . . . a compactness in the urban core, tourists can walk—making it a fine place for conventions, dense downtown development provides visitors with a welcome change from sprawling suburbs, and Reno still can build a walking distance financial and office district. Recent major investments show private and public commitment to downtown and ownership rests with those who can be motivated to act; i.e.: absentee owners control only 4.4 per cent of the area. Round-the-clock gaming activities provide greater opportunities for other enterprises, and finally, the Truckee River which meanders through the city is a priceless natural endowment which can make a significant contribution.

All, of course, is not wine and roses and the debit side of the ledger shows that shopping center development has left downtown retailing in a weakened condition, and most recent office construction has been outside the core area. Land prices have been driven upward to levels that cannot be justified by potential return, parking is inadequate, ugly and poorly located. Most downtown buildings are obsolete, few have architectural merit and since most vacant or underdeveloped parcels are too small . . . land assembly will be necessary.

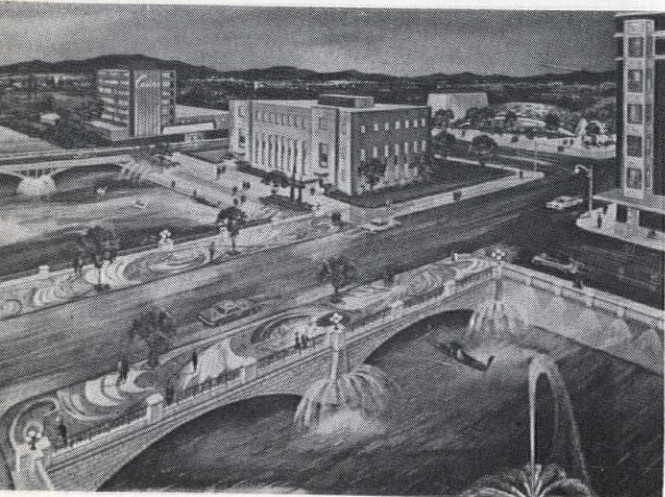
Miss Kathleen Daniels, a graduate student in Political

Science, working as a research assistant with the Bureau of Governmental Research, has prepared an excellent and succinct summary of the ten major proposals for the renaissance of downtown Reno—basically, they are:

- 1) Expand the hotel-casino complex north, using underdeveloped land and maintaining a walking distance entertainment precinct.
- 2) Minimize the barrier effect of the railroad—the plan recommends a brick plaza flanked by two large fountains at Virginia Street. To the east and west, lawn—bordered by massed rows of trees and a glass screen to deflect noise and protect pedestrians. Hotel-casino and parking garage construction on the north side of the tracks will reduce the distance between buildings facing the tracks by half and complete the transformation.
- 3) Add 3,100 public parking spaces. As in other comparable cities most of the need must be met by public parking garages.
- 4) Building a landmark Visitor Center to span the intersection at Fourth and Virginia Streets.
- 5) Transform Virginia Street between Second and Fourth Streets into a pedestrian-dominated partial mall. This will be "Bonanza Square"—with gold sidewalks bordered by fountains, lighted metal trees. Already bright, Virginia Street will be even brighter.
- 6) Line the Truckee River with tourist-oriented shops and hotels. An inflatable rubber dam can be installed to permit seasonal boating.
- 7) Move promptly to redevelop the blighted section of Sierra Street—using a federal grant to help finance the project.
- 8) Make six major street improvements.
- 9) Renew the southeast portion of the area using federal assistance to replace obsolete houses with moderate rental apartments.
- 10) Create an appropriate landscaped setting for the five major public buildings south of the river.

Miss Daniels concludes: "Even though answers for some questions still are needed, this report includes many proposals that should not, indeed cannot, wait. If the downtown revitalization program is to gain momentum, it must produce some visible results soon."

To this end, RENOvation has created a Priority Project



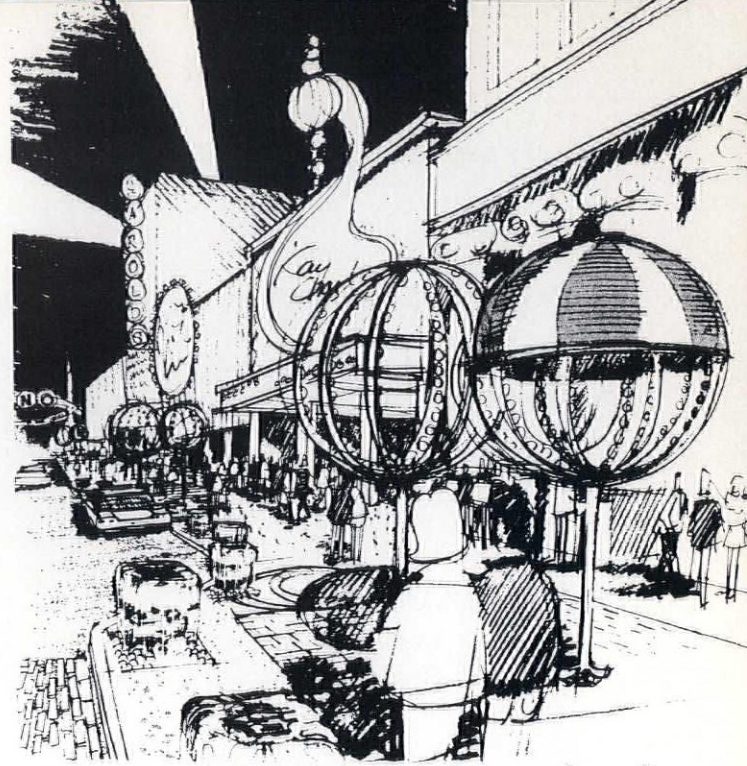
At left: Copy of postcard printed to generate interest in restoring Virginia Street Bridge over the Truckee River. A total of 6,000 were circulated.

Committee with a sub-committee structure concentrating upon those projects which would dramatize action within the core-area. In the words of the Livingston and Blaney report—"Because success breeds success, attention must be given to creating visible changes. Better tolerate some congested streets or parking problems a few years longer than to delay projects such as the railroad improvements, the Visitor Center and the Virginia Street Bonanza Square."

In this same category is the beautification of the Truckee River, certainly downtown Reno's greatest physical asset. Like all-year mountain streams throughout the West, the Truckee has an uncertain disposition. Presently authorized or constructed improvements with the addition of an upstream dam (under study by the U. S. Corps of Engineers) will serve to limit its temperamental outbursts to a once-in-every-60-years. To raise the level of summer season water, a deflatable dam is proposed. Installed below the Lake Street bridge, the water would be backed up to a point approximately between the Virginia Street and Sierra Street bridges, providing a stretch of water which would allow the use of paddle boats or other easily maneuverable craft in summer. It would also provide for attractive pedestrian ways, for retail shops, fine restaurants and other commercial usage.

Second in dramatic effect to the dam is the concept of river fountains. With a controlled water level, their use and placement would be unlimited. Water can be made to spout from walls or shoot up from the river's surface. Underwater lights would add to a joyous and magnetic setting.

Endeavoring to get RENOvation off the dime . . . the Reno Downtown Association is plugging for just one small step in the right direction . . . the Virginia Street bridge . . . just one of many which span the Truckee and give the city cohesion and viability. They suggest the City continue its improvement work, restoring the classic detail of moulding and resurfacing the sides with epoxy cement. The historic lights have been taken down and are being restored—a combined effort of the City and the Sierra Pacific Power Company—but will not be replaced until a program for total restoration of the bridge and its lighting can be adopted. Downtowners would like to see lamp standards and metal railing painted, and the installation of new sidewalks in a gay and colorful design. Apparently, volunteer help is ready, willing and able—the Reno Chapter of the American Institute of Architects has offered to design the sidewalks, specify material and installation. The Sierra Nevada Chapter of the Illuminating Engineer-



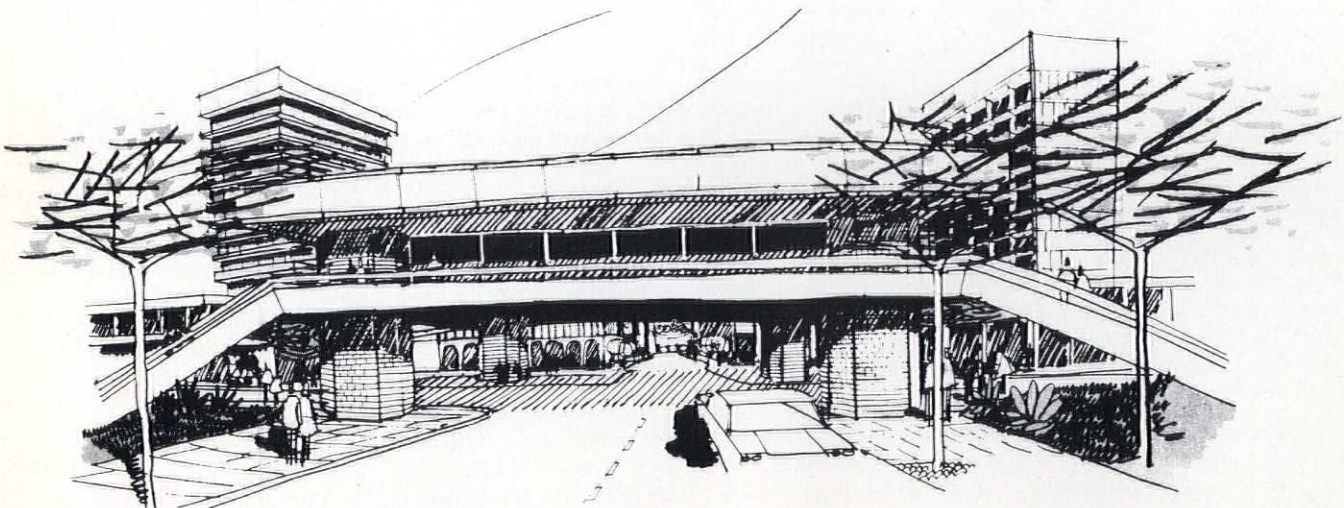
Fountains and metal trees dominate "Bonanza Square."

ing Society will help in lighting design and fountain illumination, one prominent citizen wants to instigate a plan for raising funds for the fountains.

The Reno Downtown Association has issued the challenge — "If the citizens of Reno back the Downtown Association in its efforts to counteract the shabbiness of the bridges and back RENOvation in its desire to improve the image of the river, Reno can become the most unique water plaza in the country."

Indeed, the need for concerted public-private action is most evident. As the Livingston and Blaney report says . . . "In Reno, as in every city, downtown either must change to meet today's needs or it will abdicate its role as the heart of the city and become a lifeless semi-slum."

It evolves into a single conclusion—either the citizens themselves must be enthusiastic participants in RENOvation or the master plan will become only a "dream book" to leaf through longingly when coronary occlusion is complete and the heart of the city has stopped beating forever.



Proposed Visitor Center spanning Virginia Street at Fourth Street.

IDAHO

TAKE ME TO YOUR LEADER

COLORADO



R. W. Becker, President
Consulting Engineers Council/Colorado

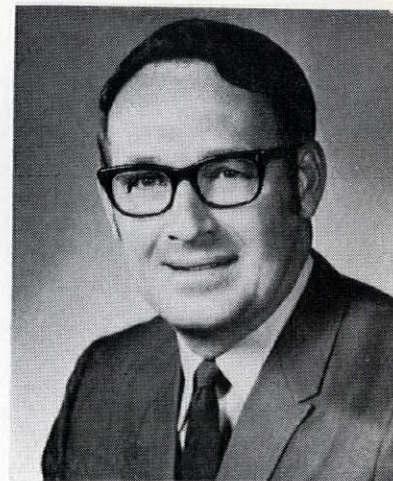
On the first of May, R. W. (everybody calls him Bill) Becker became the 16th president of the CEC/Colorado. He has just completed a year as President-Elect of the 110-member council of engineers in private practice, and, yes, Virginia, that is the same as First Vice President.

A 1934 graduate of Michigan State University, Mr. Becker has had a long career of professional engineering service — this includes stints with the Chevrolet Motor Company, Briggs Body Corporation, the Ternstedt Division of General Motors, the Gates Rubber Company, and several years in government, including the CCA, the USBR and the Corps of Engineers.

Mr. Becker founded his present firm—Technical Service Company, in 1947. Since that time, it has grown into a large organization quartered in its own unique building. The firm offers consulting services throughout the nation and the world in Planning, Engineering and Architecture.

"Bill" is a past director of CEC/Colorado, of PEC, AIIE/Colorado and is a member of NSPE. He is a member of Tau Beta Pi, the national engineering honorary, and has served on the International Engineering Committee of CEC/USA. He holds professional engineering registration in Colorado, California and Washington.

Plans for the 1970-'71 year ahead for President Becker and the Colorado Council include greater interprofessional cooperation, legislative activities, and—natch—promotion of consulting engineers. Clear sailing, fellows!



Robert L. Hamill, Jr.
President/Idaho Chapter
American Institute of Architects

Bob Hamill's "life and times" has been so delightfully written, we hesitate to change a comma. In summary, however, we will say this new Prexy of Idaho's AIA was born in Washington, D. C., to a government family which meant short-term stays in Montana, Colorado, California, Utah and Oregon. In 1943, he entered the College of Engineering at Oregon State, but Uncle had other plans, and he went into the Navy as an Electronic Technician. Following his service (he came out Lt./JG in the Reserve), he returned to school, but this time it was Architecture at the University of Oregon. He graduated "with a degree and a wife" in 1951.

"One year later," Bob writes, "with the help of a school-teaching wife, we had earned all the money we would ever need so both quit our jobs and went looking for an area in which we would like to settle down. After three months of camping and traveling, we decided to see what the desert looked like and headed for Arizona. Liked Tucson—but after a year and a half, decided wet was better than dry and returned to Portland. After five years, decided there must be something between bone dry and soggy, so left for Boise, Idaho."

Like Goldilocks, Mr. Hamill has found Idaho—"just right," and in 1969, his firm of Hamill/Shaw Associates merged with Wayland, Cline and Smull as a professional corporation, the first architectural office to do so in Idaho. He has served as both Secretary-Treasurer and Vice President of the Idaho Chapter before assuming the President's gavel in 1970.

Let's let Bob continue . . . "Familywise, I am very fortunate. My lovely wife, Jo, has helped me construct a mountain retreat on Cougar Island at Payette Lakes near McCall, Idaho. Her wifely chores include being mother to our two wonderful daughters . . . Sara (14) who divides her time between boys, horses and skiing and Molly (16) who divides her time between boys."

We would thank Bob Hamill for such an engaging "getting to know you" article—and wish him all the best in his year as 1970 President of the Idaho Chapter of the A.I.A.

urban design : physical planning 5

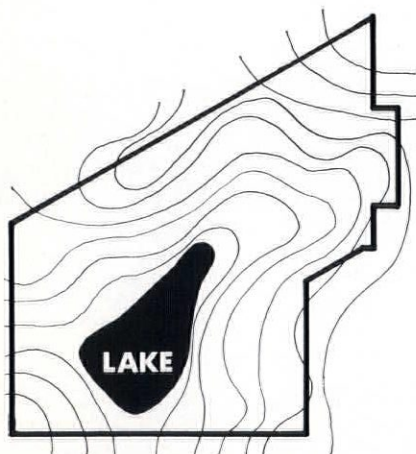
Roger C. Steffens,
Contributing City Planner/Urban Affairs

FIFTH IN THE SERIES

The growth of a region, a metropolitan area, a city, a neighborhood, a specific site must exhibit a thorough understanding and knowledge of the natural environmental characteristics which become basic and fundamental to the success of every project. The design professional must comprehend the physical characteristics and nature of the site and accentuate its present positive qualities, and the successful development should bear a direct relationship to definitions of natural process values or to intrinsic suitability. Whether one is investigating a regional development of several communities or a single specific building site, certain conditions and values are present which may work best for man if left in a natural condition, or, contain such hazards that they should not be disturbed by a construction program. For other specific reasons, there are areas and sites which are perfectly suitable for development. In any case, the process of analysis must involve a multidisciplinary approach considering all characteristics, both natural and man-made, in an effort to determine how these factors relate to each other and to the total environment therein.

SITE ANALYSIS

With the formulation of goals and objectives and program requirements, the design professional must next thoroughly investigate and analyze the project site itself. The total site, including the surrounding environs, must be included in the analysis. An investigation of these physical elements in terms of topography, hydrology, geology, ecology, vegetation and climate combined with the cultural and aesthetic aspects of views, orientation, spatial character, natural features, off-site influences, circulation and



RELIEF

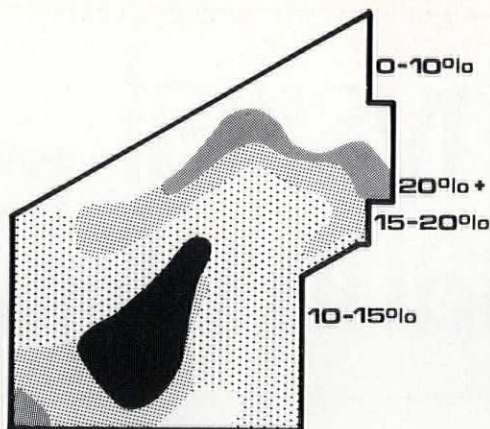
RELIEF. The essential site character is defined in simplest terms as a tree covered "horseshoe" with major orientation to a small spring-fed lake.

The next three articles in the urban design series will be written by contributing professionals, all recognized experts in their area of planning. The first of these concentrates on the physical environment and its ecology, while the following two deal with social and economic planning as they relate to the design professions. All are edited by Architect Ronn Ginn, Contributing Editor on Urban Affairs.

utilities is undertaken to evaluate these processes, and their interrelationships are analyzed in identifying environmental sub-areas within the site.

A better understanding of the importance of these planning considerations is best explained by choosing a hypothetical site to be used for a residential development. A synthesis of all physical elements coupled with program design objectives established the following general requirements to achieve maximum functional and aesthetic relationships:

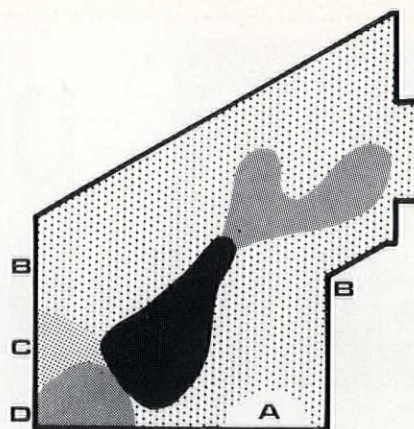
- Clearing and grading should be kept to a minimum to preserve the amenities of site character.
- Discharge of surface run-off should be designed to minimize the erosion character of the soil. Surface run-off from streets and parking areas should be controlled so as to minimize the effect of the pollution factor on the lake and springs.
- The existing drainage network should be integrated with the open-space system. The alluvial and spring areas should be incorporated as part of the open-space system to minimize the impact on the ecological balances.
- Parking should be integrated structurally where feasible or be confined to small clusters to reduce the adverse effects of large parking areas.
- The outstanding views to, from, and within the site should be conserved and reinforced.
- Specific design treatment should respond to the particular character of vegetation and topography within each environmental sub-area.



SLOPE ANALYSIS

SLOPE ANALYSIS. Slopes generally range from five per cent to twenty per cent with several significant areas exceeding twenty per cent and closely relating to relief and topography.

SOILS are characterized by four dominant types. With the exception of the alluvial conditions existing above and below the lake, the soils are highly permeable and subject to erosion when surface run-off is concentrated into



SOILS

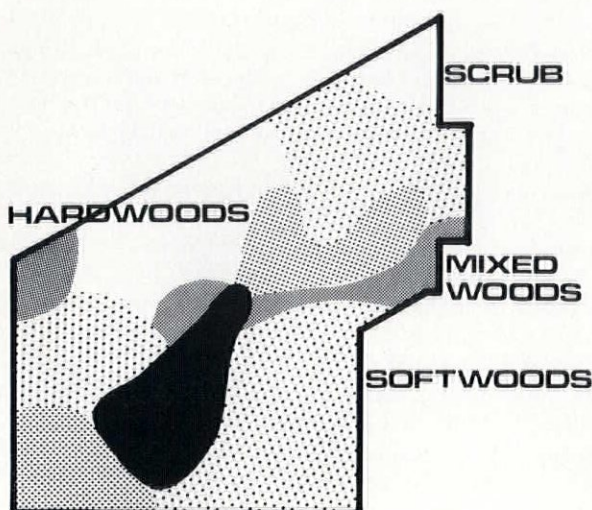
direct drainageways.

A. Loamy well-drained sand, subject to erosion and high permeability.

B. Course textured sandy soil, highly permeable and subject to erosion.

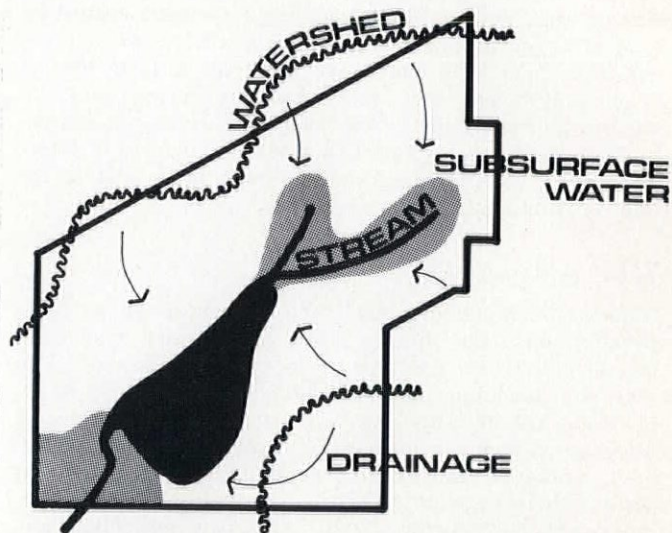
C. Loamy well-drained sand, slow to moderate permeability and subject to erosion.

D. Alluvial poorly-drained soil ranging from sand to clay with heavy cover of organic matter and humus.



VEGETATION

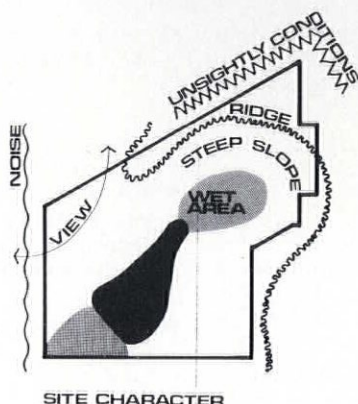
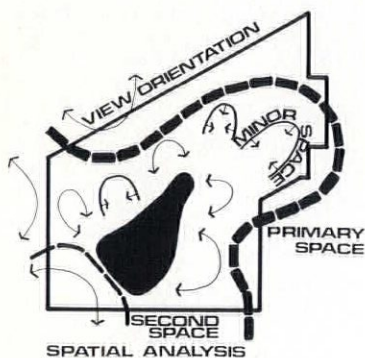
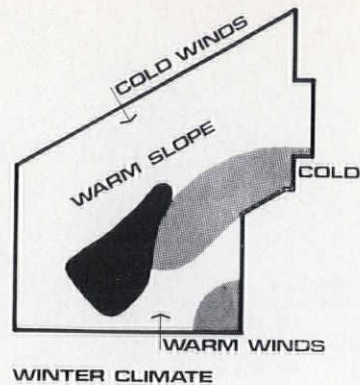
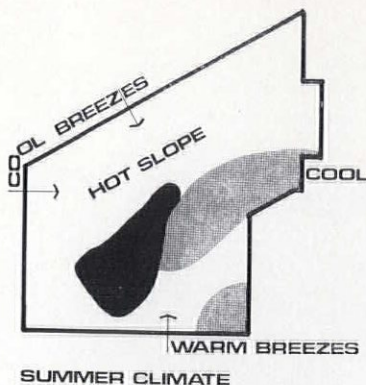
VEGETATION is characterized by a variety of hardwoods, softwoods and scrub growth. Scrub pine and oak are found predominantly along the ridge line where the water table is far below the surface. Pines predominate in the well-drained sands while hardwoods flourish in the wet alluvial areas.



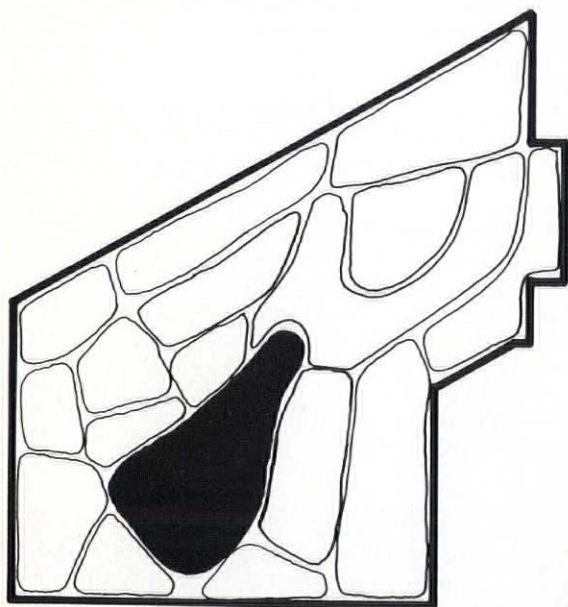
HYDROLOGY

HYDROLOGY. The water level of the lake is maintained by a series of rather undefined springs and is influenced very little by surface run-off within the limited watershed area. Very little fluctuation in water level is experienced from extreme variances in rainfall conditions. Thermal imagery is being recorded and analyzed to determine the source, depth, and magnitude of the underground springs.

CLIMATOLOGY. This site is well situated to escape rigorous climatic extremes and is a blend of the maritime and continental types. The prevailing northwesterly winds of winter and early spring are frequently superseded by southerly flows of warm dry air. In summertime the prevailing southerlies frequently give way to the drier westerly and northerly winds. In short, the climate is truly equable.



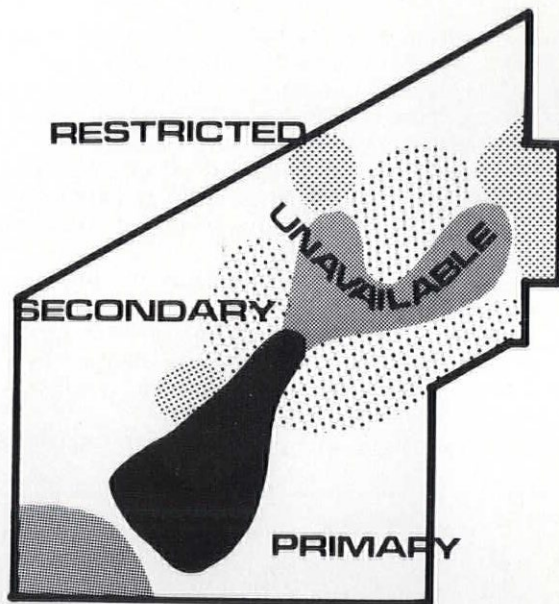
SPATIAL ANALYSIS and **SITE CHARACTER** are developed to better understand the existing visual image, and are fully explained on the two drawings.



ENVIRONMENTAL SUB AREAS

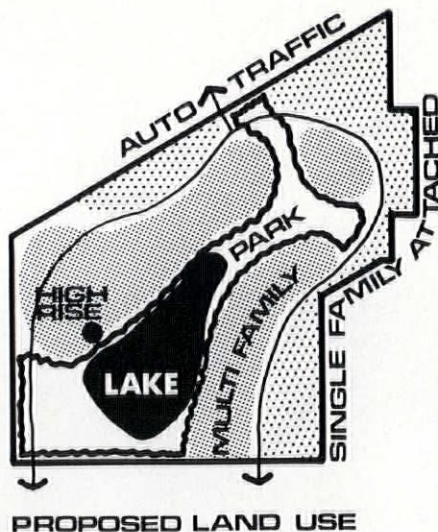
The site is characterized by a variety of **ENVIRONMENTAL SUB-AREAS**, exhibiting interrelated topographic features such as sloping and level areas, and vegetation conditions such as scrub growth and large hardwoods, surrounding the lake, which serves as the dominant focal area of the property.

DEVELOPMENT COMPATIBILITY. An examination of restrictive physical site characteristics was analyzed to establish a relationship of site development to adverse



DEVELOPMENT COMPATIBILITY

site impact. Development of primary areas presents the minimum physical restrictions while the restricted areas exhibit the most extensive physical restrictions. The unbuildable areas are considered to be unfeasible for development because of inadequate soil bearing capacity and the presence of underground streams and springs. Development here would also upset ecological balances. As these restrictions become more critical from the primary to the restricted areas, a more sensitive design approach is required to preserve the natural amenities of site character.



Combining the physical planning elements of these site factors with the program design objectives, the design professional can then develop the **PROPOSED LAND USE** plan for the property. This plan defines auto traffic, pedestrian areas, parks and open space, types of residential area, densities, and use distribution.

CONCEPTUAL SITE PLAN

The conceptual site plan represents an expression of site development as envisioned to achieve maximum functional and aesthetic relationships evolving from program objectives, site analysis, and market study. Specific design objectives developed in response to conceptual planning include the following:

- A variety of housing types and densities, including single family attached, multi-family low-rise and high-rise, to accommodate families of varying size and income.
- A cluster approach to development which responds to particular character of topography and vegetation.
- A periphery loop road providing convenient access to housing clusters while maintaining minimum conflict between pedestrian and vehicle.
- Parking collected in small clusters or within structures to reduce the adverse effect of large parking areas.
- Clusters of housing groups integrated within an open space system.
- Cluster orientation to take maximum advantage of the outstanding views to the lake and distant countryside.
- A hierarchy of living spaces from private indoor space, to private outdoor space, to public outdoor space.
- A central open space system offering convenient recreational opportunities to all residents.
- A passive nature area preserved in the alluvial area to

maintain the ecological balances.

- A system of pedestrianways within the open space system providing safe and attractive routes to encourage pedestrian circulation within the site.
- A conveniently located community center facility to serve as a nucleus of social activity for the residents.
- Provision of appropriate retail services and conveniences within the high-rise structure.

From this point forward, the design process becomes one of integration of function, structure and site. With the collaborative multidisciplinary approach and exchange of design ideas, the detail plan concepts evolve almost spontaneously. Good design is but a record of logical thought and the balance of the design process is but a procedure of re-analysis, logical development, natural evolution and refinement of detail—a process of creative synthesis.

(The sixth in the Urban Design series—"Social Planning"—will be prepared by Dr. Lynn Carroll, Social Psychologist and Planner. Dr. Carroll is a native of Washington, D. C., a graduate of George Washington University, and has done extensive research on population patterns in India. He is a member of the President's Bi-Centennial Commission. Edited by Ronn Ginn, our Contributing Editor on Urban Affairs, Dr. Carroll's article will appear in the July issue of Symposia.)



Roger Steffens

ABOUT THE AUTHOR

Mr. Steffens is a graduate of the University of Florida, cum laude, with a Bachelor's Degree in Landscape Architecture, and the University of North Carolina, where he received his Master's Degree in City and Regional Planning.

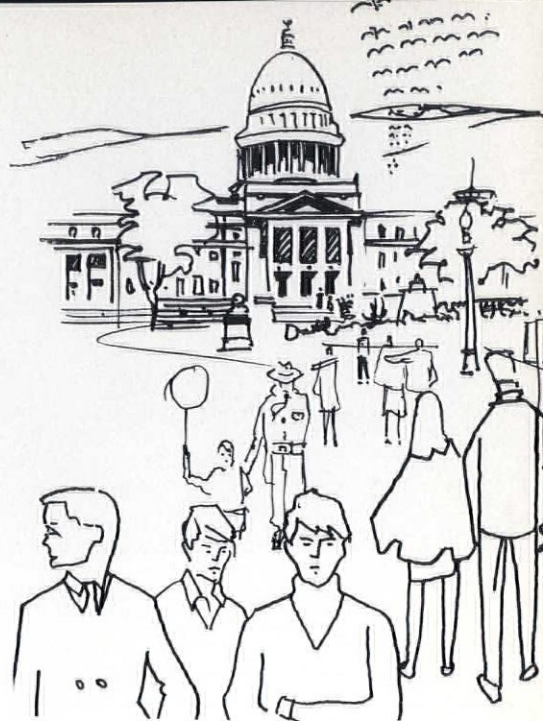
After graduation he was employed by the City of Huntsville, Alabama, as Principal City Planner and directed that city's long range planning program in addition to preparing their application for a HUD Model Cities grant. In 1966, he joined the planning firm of Ewald Associates in Memphis where as an associate he was involved in a variety of public and private urban renewal and planning projects. He returned to Florida in 1967 to head the Department of Urban and Development Design with Reynolds, Smith and Hills, Architects, Engineers, Planners, Inc. In this capacity he coordinates the urban and development design of over 150 professional architects, engineers, planners and landscape architects on projects from several hundred acres to complete new towns.

Mr. Steffens is an active member of the American Institute of Planners (AIP), American Society of Landscape Architects (ASLA), American Society of Planning Officials (ASPO), and Urban Land Institute (ULI).

INSIDE THE STATE BOARDS

or

The Western Conference Does Its Thing in Boise



(Mr. John (Himself) McHugh is not only Chairman of the Western Conference of State Architectural Registration Boards, Secretary of the New Mexico Board of Examiners for Architects, and a principal in the architectural firm of McHugh and Kidder, Santa Fe—but a very welcome addition to *Symposia's* pages when he finds time to include us on his agenda. He has, however, for the past few years kept us informed of the meetings of the WCARB, and each summer takes us “touring”—with charming sketches and delightful prose. In addition to his excellent report of the early April meeting of the WCARB in Boise, Idaho—“Himself” has also provided the “graphics” and the “cut lines.” As always, our most sincere thanks for a welcome contribution.)

by: John W. McHugh, A.I.A.

For years I have thought that Boise was about thirty miles south of the Arctic Circle, but I was surprised to learn that the delegate from Hobbs, New Mexico had to travel just about the same distance as the man from Juneau, Alaska! These two men, along with representatives of state registration boards from Arizona, California, Colorado, Idaho, Nevada, Oregon, Utah, and Washington met in Boise, Idaho April 2-5 for the annual meeting of the Western Conference of the N.C.A.R.B. Watching these members of the Establishment doing their Thing in a very forward-looking and progressive way is a fascinating social study. The meeting was an eminently satisfactory affair from all points of view, with none of the gruelling and abrasive discussions which sometimes occur at such conferences. Perhaps this report would be put into better focus with a brief explanation of who, what, and why we are.

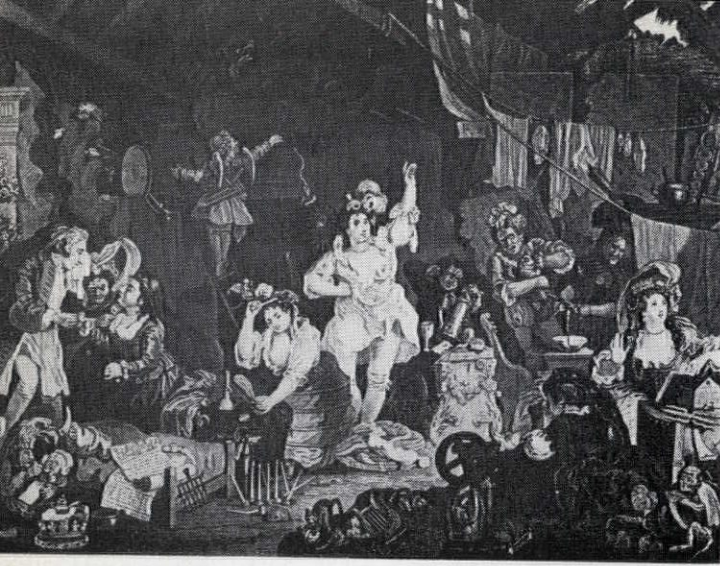
The N.C.A.R.B. is a long established association of state architectural registration boards set up for the purpose of making possible architectural licensing reciprocity between the states. Over the years it has been highly successful in this effort, and almost automatic granting of reciprocity to qualified architects between the fifty states and five other jurisdictions is now standard practice. Among the other professions only the Certified Public Accountants have anything approaching this facility.

In the old days each state board wrote and graded its own examinations. This was fine as far as it went, but when an architect holding a license in one state applied for reciprocity in another, then *that* state board had to assure itself that he had met all of its requirements and had passed an equivalent examination to the one demanded of its own license holders. A reciprocity applicant could look forward to being licensed sometime in the

course of American history—perhaps!

The process was cumbersome and time consuming, and in many instances all but impossible due to lost files, incomplete or improper evaluation, and to no-longer-extant copies of actual examinations. Back in the early '40's, N.C.A.R.B. began keeping complete files on all of its certificate holders, and these files were made available to member states whenever a certificate holder applied for reciprocal licensing. This helped immensely, but the problem of different exams in each state still remained. In the 1960's N.C.A.R.B. first instituted nation-wide multiple choice examinations in all subjects except Architectural Design and Site Planning, and in '63, the twelve states of the Western Conference first put into use Conference-wide uniform examinations in these two subjects. These were used nationally less than two years later. So, at this time, we have uniform examinations in all subjects, and the architectural profession is, and should be, proud of such a massive accomplishment.

In the last two years, however, we have been reappraising these uniform exams and have come to feel that they are less than totally adequate. While the palette of the architect may be concrete and steel, stone, wood, glass, etc., there is certainly more than just a sense of shelter in St. Peter's Basilica, more than a clever and economic structural design in the John Hancock Building, just as there is more than a functional arrangement in the new city of Brazilia. The persons who created these works have speculated on human nature and on their own times and have set down their most profound thoughts and comments in an architectural “language” which is not only universally understandable, but almost universally appealing. To be able to provide this sort of service to his fellows, an architect must understand more than simply



SOCIAL DIVERSIONS WERE PROVIDED FOR THE DELEGATES

beam stress or heat loss calculations and a few historical dates. He must be able to synthesize the human, economic, climatic, and technical needs or challenges and to orchestrate the several disciplines of Architecture to produce an environment suited to the need—or even perhaps just a little bit nobler than the bare minimum requirements. It is the aim of the state boards to test for this sort of competency, for this is the sort of architect the public expects. A great effort is now being made to bring the whole examination and licensing procedure into relevance with the facts of professional life obtaining today. Distinguished men from all over the country—architects, examiners, educators, and students—are deep in serious study toward this end.

If it is true that the greatest of the arts is the ability to understand one's place in Nature and in the stream of human life in order, through such understanding, to live a happier and more rewarding life, then the architects of the Western Conference are indeed artists. The twelve western states are perhaps in the forefront of this work,

since members of the several state boards have been and are currently serving on national committees on Examinations, Documents, Legislative Guidelines, Professional Relations, and International Reciprocity. The national president is from the West—Mr. Dean Gustavson, of Salt Lake City.

Under Dean's leadership, and that of president-elect Geddes, we considered new and simplified methods of qualifying candidates for examination, uniform legislative guidelines which if written into statutes will permit the states to work together more easily, and a whole new examination "tactical rather than technical" which will examine a candidate's ability to make mature judgments rather than simply test his ability to remember historical dates and technical formulas. Our discussions were in depth, they were grave, sometimes they were conducted in a hearty Rotary-Club manner; there were occasional inane comments as well as some exceedingly sane ones. We had tedious nuts-and-bolts discussions, pep talks, and pleas for understanding and cooperation. Much was accomplished both at the formal sessions in the handsome meeting rooms of the Downtowner Hotel, and at bull sessions in coffee shops and cocktail lounges.

There was a spirit of good humor and excitement at the real progress being made. The westerners will go to the national convention in Boston well informed and (hopefully) able to speak and vote intelligently.

At the end of the sessions, the executive committee met to elect officers for the year with the following results:

Member—Henry Hulvey of Idaho
 Member—Carl Groos of Colorado
 Member—Dean Unger of California
 Secretary-Treasurer—Richard Eddy of Washington
 Vice-Chairman—William Church of Oregon
 Chairman—John McHugh of New Mexico

On the flight home I noticed that Utah is not a pink state at all (as it shows on the map) but a blue and gold one. With a couple of martinis and a good lunch, however, I felt well fed, and had a kindly outlook on the world in general.

Engineering Concepts '70

Engineers will be interested to know that the Center for Management and Technical Programs in concert with the College of Engineering at Colorado University has developed a series of concentrated, relevant one-week courses to be conducted during the summer months of 1970. "Engineering Concepts '70," designed by the Engineering faculty, has one underlying objective—to transmit and translate knowledge of the latest engineering concepts and future trends in practical, usable form. Course materials, including texts, will be furnished and enrollment will be limited to insure educational quality and individual attention. The courses being given are . . .

I. Problem Solving Through Operations Research and Management Science. Fundamentals and Major Techniques. June 1-5—Fee: \$275.00.

II. Significant Results of Modern Control Theory for Practicing Engineers. Comprehensive survey and stress on the broad range of control theory results. June 8-12—Fee: \$250.00.

III. Optimization of Engineering—Economic Systems—An introduction and overview of contemporary mathematical optimization techniques. June 8-12—Fee: \$250.00.

IV. Fundamentals and Applications of Optical Information Processing and Holography—Techniques and tools of opti-

cal information processing to their holographic applications and uses. July 13-17—Fee: \$275.00.

V. Basic Communications Theory — Fundamentals with emphasis on demonstration and laboratory exercises. July 13-17—Fee: \$250.00.

VI. Process Simulation of Chemical Systems—Fundamentals and working knowledge of concepts and applications . . . participation in computational and laboratory emphasized. July 27-31—Fee: \$275.00.

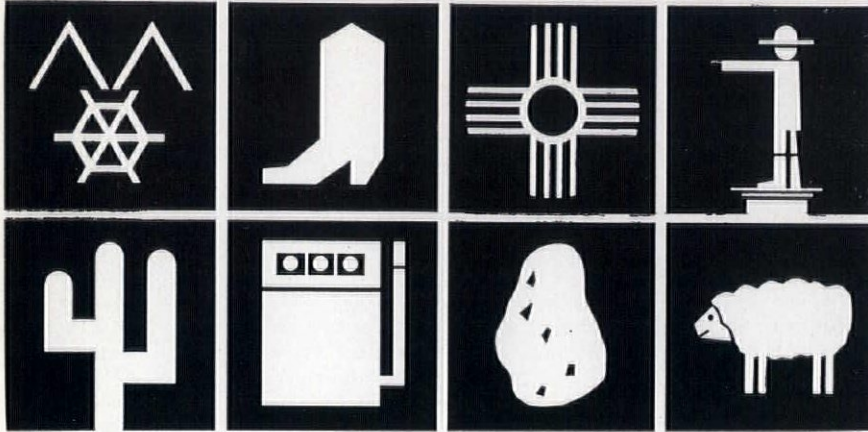
VII. Gunn Effect Devices: Physical Principles and Microwave Applications . . . A systematic rather than historical format. August 3-7—Fee: \$250.00.

VIII. Principles of Computer-Aided Machine Design—Recent Developments and mathematical modeling of machine elements. August 17-21—Fee: \$275.00.

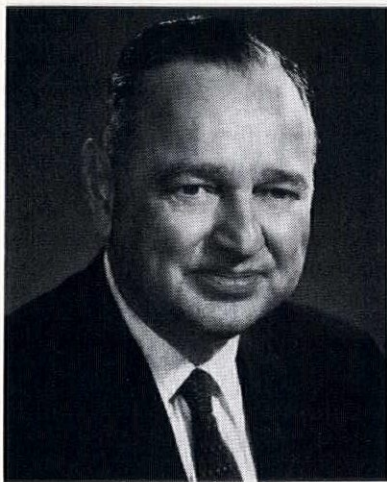
IX. Optimal Distribution of Errors in Mechanism Design — To integrate and demonstrate recent methods of design analysis of precision mechanisms. August 24-28—Fee: \$250.00.

For further information on the courses offered, contact: The Center for Management and Technical Programs, Business Building 139, University of Colorado, Boulder, Colorado.

symposia/around the region



arizona



Fort Chairs SMACNA Meeting

Robertson (Bob) Fort who serves as Executive Director of the Air Conditioning Contractors of Arizona was the Gavel-Man at the Council of Chapter Representatives of SMACNA (Yes, that's the Sheet Metal and Air Conditioning National Association) at their mid-year meeting held April 6-8 in Clearwater, Florida. Managers and Councilors of 84 Chapters were on hand—and Bob is the first Executive Director to serve in this capacity for more than one meeting. He is also a past Chairman of the SMACNA Chapter Managers Group—a job he held down most efficiently for two consecutive years.

He's done a bang-up job in uniting the membership which includes over three thousand contractors in every phase of the Sheet Metal and Air Conditioning field. Bob was for many years Editor of "Cactus Comments"—newsletter of the Phoenix Chapter/CSI and turns out an often profound and always interesting newsletter for Arizona's SMACNA . . . "Between the Sheets." Keep up the great work, Robertson!

Aluminum Prize

Dennis Hartley, a fourth-year student in the College of Architecture at Arizona State University in Tempe, has snagged the \$300.00 1970 Reynolds Aluminum Prize for architectural students at his school. A twenty-one year old native of Corona del Mar, California, Dennis won the ASU prize for his unusual design for playground toys fashioned from aluminum. His design, along with winners from other participating schools of architecture, will be entered in the national competition. The Reynolds Aluminum Prize for Architectural Students is administered by the American Institute of Architects and is offered annually by the Reynolds Metal company to encourage creativity in architectural design and to stimulate interest in the design potential of aluminum.

"Boss of the Year"

The Phoenix Chapter of the National Association of Women in Construction has named Marvin Mony, President of Warranted Homes as "Boss of the Year." Toastmistress at the Fifth Annual Banquet held at the Saddleback Inn was Reta Truffa, Phoenix Chapter President and Administrative Assistant of the Sheet Metal and Air Conditioning Trades Industry Program. Announcement of the award was made by Reta's boss . . . Robertson (Bob) Fort, last year's "Boss of the Year." Mr. Mony was presented the plaque and the gold hard hat by Julie Doyer, who works for Warranted Homes and submitted the winning entry. Mr. Mony is a Past President of the Home Builders Association of Central Arizona, has served as Board Member for that organization and is a member of its State Construction Information and Labor Committee.

Congratulations are in order for Mr. Mony—Boss of the Year!

colorado

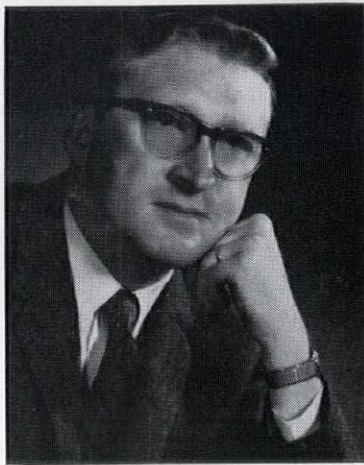
Bon Voyage

Don Wakefield, head man for the Structural Clay Products Institute in these parts, and his pretty wife, Jean, left the Mile-High at noon of April 7 for a junket abroad. It is, of course, business, but this is mighty nice work if you can get it. Their first stop is Lisbon, Portugal, where Don will look over plants fabricating brick panels for construction. Then it's on to England and Stoke-on-Trent for the Second Annual Brick Masonry Conference. Following this, Jean and Don will head for Athens, Greece, and Rome and Florence, Italy, taking in all the architectural glories of these areas and taking pictures like mad—naturally. It is possible they will stop in Madrid before they head for home . . . three and a half or four weeks after departure. We assured Don we would love to drink a toast to the lucky Wakefields . . . but the grapes are sour!

Incorporation Bill Passed

It has been a stormy time for the Colorado Society/AIA in getting the Incorporation Bill passed and signed by the Governor. The Colorado Central Chapter newsletter—Addenda described this caper most aptly as "The Perils of Pauline." It was certainly a "cliff hanger" all the way with HB 1105 not being reported out until the last day of the legislative session. The final Bill is long and it's complicated, and architects and professional engineers are urged to (a) obtain a copy of the bill from the office of the House of Representatives—State Capitol—Denver, and (b) consult a competent attorney before setting up a corporate structure. Doing yeoman service in getting the Bill through was Barbara Light, Colorado AIA Executive Secretary, John Anderson, John Rogers and CSA attorney, Hugh J. McClearn . . . as well as many

others both in and out of the Legislature. When the Governor finally signed the Bill, we're sure all concerned sighed . . . "And now we've done that!"



F. Lamar Kelsey, F.A.I.A.

Some Speaker

Recently we accused F. Lamar Kelsey, FAIA, Colorado Springs architect and planner and a member of our Advisory Board, of unbecoming modesty. Lamar seems to be "on the road" more and more often filling multi speaking engagements, and he finally gave in and out with some of the more important trips. As one of three invited architects from across the US of A, Lamar participated with a group of leading educators in the Ford Foundation sponsored "work-in" in Westminster, Maryland. Their project was to find a viable means of extending the life of a middle-aged high school slated to become a Middle School. On this same subject, "New Life for Old Schools," Lamar spoke to educators and architects from eight mid-western states at the Annual Conference of the Minnesota School Facilities Council in Minneapolis. He was also on the rostrum for the National Convention of the American Association of School Administrators in Atlantic City in February, where he spoke on "Environmental Education." He was, of course, the principal speaker at the CEC/Colorado Awards Banquet, discussing "Auraria—An Urban Center for Higher Education," and in April talked about "Environmental Education" to the State Convention of the Colorado Congress of Parents and Teachers in Grand Junction. Lamar is a mighty busy and extremely talented guy, and Symposia is very lucky to have him.

Innovations '70

The Colorado District Chapter of the American Institute of Interior Designers has been sponsoring a most interesting series of Continuing Education

meetings at Temple Buell College Fine Arts Center. Held on consecutive Monday evenings beginning on March 30, the challenging speakers have included Milo Baughman, furniture designer and a member of the faculty at Brigham Young University in Provo, Utah; Gene Amole, vice president and co-owner of Radio Station KDEN in Denver; Wally Jonason, AID, of San Francisco and Allan Temko of the University of California Department of City and Regional Planning and the somewhat acrid architectural critic for the San Francisco Chronicle. There was also a fascinating program which examined the coming role of computer graphics in the field of design and aesthetics.

National Honors

Broderick and Gibbons, Inc. of Pueblo and the Denver Division of Peter Kiewit Sons' Company have received National Merit Awards for Safety Activities from the Associated General Contractors of America at their Fifty-first Convention in New Orleans.

Broderick and Gibbons received the first place award in the 100 thousand to 200 thousand manhour category in the Highway (Construction) Division. During the year, July 1, 1968-June 30, 1969, working a total of 198,421 hours, the firm had a record of no disabling injuries. Peter Kiewit's Denver Division took third place honors in the 200 thousand to 500 thousand hours of exposure category — working 344,994 hours during the reporting period without disabling injury.

Both firms are members of the Colorado Contractors Association, Inc. (Heavy-Highway Branch of the AGC) and have had AGC Certified safety programs for a number of years.

ASA Elects

The Architectural Secretaries Association has new 1970-'71 officers. This most enterprising group of gals have "Jo" Haller (William Muchow and Associates) in the driver's seat, Barbara Light (AIA Executive Secretary) in the dual role of Vice President and Program Chairman, Janet Chin (ditto Muchow) as Secretary and Margaret

Sanchez of Joseph Wilson's office as the new Treasurer. Also on the Executive Board for the year will be Doris David of Lusk and Wallace in Colorado Springs. Immediate Past President, perky Atha Lavalett (Lamar Kelsey's Right-Hand Gal) received a loving "cup" for her outstanding service and will also be among those present on the Board. And guess who was the only guy among all those pretty girls—yes, none other than Symposia's own Tom Keeton. Tom was presented a plaque for all the help and recognition given the ASA during its "toddling years" of growth and organization. Tom is a Past-President of Producers' Council (Rocky Mountain Chapter) and will shortly take over his duties as Western Section Director for the Construction Specifications Institute.

nevada

Las Vegas Chapter/AIA

Walt Zick, who holds down Southern Nevada for Symposia, has come through with the "good word" from that area—a little tardy, to be sure . . . but more on that anon. New officers for the Chapter include President Gerald Strehlow, Vice President Fred Kennedy, Secretary J. William Simpson and Treasurer George Tate. The Executive Committee includes President Strehlow, V.P. Kennedy, Secretary Simpson, immediate Past President David (Tiny) Welles and our old and dear friend, Harris Sharp. The State Delegates are Strehlow, Welles and immediate Past President of the Nevada Association of Architects . . . that good-lookin' fella, Bob Fielden.

Every second Tuesday, the stalwarts of the Las Vegas Chapter meet for lunch and a talk by someone of interest. Their latest "special" took place on April 10 when the Chapter and the professional engineers got together for an evening with their wives. This annual affair has done much to cement better relations between architects and engineers in the area. This has been particularly true in the field of legislation when state laws governing the design profession are up for

action, architects and engineers in Nevada work together to resolve any differences before they go to the solons. This is an outstanding intra-industry project.

Oakes Elected

Rowland Oakes, Secretary - Manager of the Nevada Chapter of Associated General Contractors of America, was elected Senior Vice President of the Secretary-Managers Council A.G.C. of America at a recent convention in New Orleans, Louisiana.

The National Council of A.G.C. Managers includes representatives from more than 130 A.G.C. Chapters in the 50 states. Oakes has been an officer in the Council for the past three years. Rowland Oakes has been Secretary-Manager of the Nevada Chapter A.G.C. for the past eleven years and prior to coming to Nevada served in a similar capacity in a Northern New England A.G.C. Chapter.

It's a BOOM!

Many of you will remember that far and away the most hazzled members of the Home Team at the Las Vegas meeting of the Western Mountain Region were Symposia Board Member Walt Zick and his partner and General Chairman of the whole bit, Harris Sharp. The reason, of course, was that those V.I.C. (Very Important Clients) had picked that week for conferences with their architectural/engineering firm. Walt reports that Zick-Sharp and crew are putting in seven-day weeks . . . and multi hours. (And we thought only Symposia worked the sixteen-hour day.) In any case, they are working on plans and working drawings for a \$13.5 million Hotel and Casino Complex, adding to the County School Districts school plants and doing the planning for a 35,000 capacity Stadium Complex for the Las Vegas Fair and Recreation Board. Drawings are now complete, he says, for the \$3.5 million dollar Humanities Building on the Las Vegas campus of the University of Nevada, and in addition, the office is working on a \$3.6 million housing project for the government.

This may explain, in part, at least, why Mr. Z. hasn't had too much time to tell us all about the new AIA officers in Las Vegas. It's a boom—and good news for the Industry.

new mexico

CPC Revival!

From time to time, we have reported the aims and activities of a particularly fine intra-industry organization in New Mexico known as the "Construction Practices Council." In late 1968, New Mexico's General Contractors pulled out, and we thought CPC had gone into a decline. The very "good word" from Symposia Board Member, Joe Boehning, Albuquerque, however gives us new hope. Joe writes—"In March, the remaining directors met to lay the Construction Practices Council to its final resting place. Instead, the representatives of the Owners Group decided they did not want to see CPC buried. They still feel that improved communications between owners, architects and engineers is important enough to continue the organization acting as a vehicle for better communications."

Thus this great group has been saved by the bell . . . and the owners! The CPC of New Mexico includes owners, architects, engineers, mechanical and electrical sub-contractors, specialty sub-contractors and suppliers. Their meaningful dialogues will continue with the following officers at the helm . . . President: R. V. Taborelli (Owners); Vice President: Frank Bridgers (Engineers); Secretary: W. D. Ross (Mechanical-Electrical subs); Treasurer: Lloyd Sallee (Suppliers). Serving on the Board of Directors: Jack Pope (Specialty subs) and our own Joe Boehning representing Architects.

Our best wishes to the revived CPC—long life!

Santa Fe Reports

Our Man in Santa Fe, Brad Kidder, FAIA, often heads his monthly report . . . "No Report," but always manages to come up with some mighty interesting info. For instance . . .

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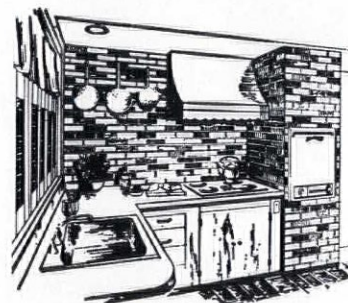
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"Had a delightful meeting with Kidder-Smith and his charming wife. Lunch and a talkfest. He is presently engaged in writing a book on the 'Architecture of America' . . . hopes to cover everything from the earliest of Indian Architecture up to 1970. Should be quite a book! (We'll drink to that!) This was merely a vacation visit and had little purpose other than to check up on whether or not his list of New Mexico subjects was complete."

Many of Symposia's readers are still chuckling over Brad's poem—"When the Tenant Moves In" which appeared in our March issue. Brad tells us he heard from some old friends in Wyoming and Arizona after the fact. Also the unexpurgated version—(rated X) has been given a special honor by the Banking Commissioner's office. Typed on a special engrossed parchment it has been suitably framed and is now hanging in the Department's offices.

"Well, that's it," writes Brad—"Nothing to Report."

oregon

Political Confrontation

Members of the Portland Chapter/AIA met in March to "interview" candidates for the Portland City Council. The politicians were given a list of questions of interest and concern to the Chapter and asked to direct their comments in that direction. These pertinent inquiries were on the subjects of Downtown and Waterfront Planning, on City Government (three options) and on a possible merger of the Planning and Development Commissions. In addition to members of the AIA Chapter—non-AIA members of the architectural firms in the area were encouraged to attend this important meeting.

We also note an announcement in "Architects and Architecture" the Portland Chapter's excellent newsletter that the 1970 Honor Awards Program has been scheduled for the middle of May, and that all arrangements have been made with the Portland Art Museum. More on this to come.

utah

Decision Reversed

Certainly this story deserves the Five-Star Final treatment. The Supreme Court of Utah has set a precedent of vital interest to engineers, architects and contractors throughout the nation in reversing the ruling of the district court which granted damages to a

construction foreman injured during the construction of the Metropolitan Complex in Salt Lake City, Utah. Held liable in this suit was architect Harold Beecher and Associates, and to the tune of \$638,000. The original judgment was appealed, and the Utah Chapter/AIA, the Consulting Engineers Council/Utah and the Utah Chapter/Associated General Contractors all filed *amici curiae* briefs in behalf of the architect. The case was discussed by AIA attorney Allan Meecham at some length at the Western Mountain Regional Conference of the American Institute of Architects in Las Vegas, and is summarized on page 22 of the December issue of Symposia. Suffice it to say that we join with Mr. Beecher, the architectural/engineering/construction community of Utah, et.al., in the belief that justice is not all that blind—and has triumphed! (A few more like this might lower those premiums on the professional liability insurance!)

assist

Carl Inoway, AIA, program director for the Utah Chapter's Community Design Center "ASSIST" has reported that Utah is very much "on the right track." He attended the CDC Conference in Washington, D. C. in March and heard the progress reports from the currently operating 50 community center organizations throughout the country. All, of course, are adjusting to local trends and needs. The omnipresent problem—how did you guess!—money. The Steering Committee is in the midst of a search for this vital item and there is an optimistic view. To date, ASSIST has completed four projects and is working on fifteen others! 100% of the original volunteers have been utilized.

wyoming

The North Wind Doth Blow

Occasionally we get something out of Wyoming except a new snow storm—although they were pretty busy for about six weeks shoveling the white stuff down on the Mile High. Our latest comes from Symposia's Board member, Gerry Deines, in Casper, who writes:

"We received the 'always welcome' news from the south. You are doing a beautiful job down there in Symposia Land, but you have to remember that we do not have too many warm bodies up here, so consequently not too many things happen. Geography being what it is, the line of communications between offices leaves something to be desired.

"I don't know how much construction cuts will affect projects here, but my work load is heavy enough now that I don't think I could handle any more. (Attention Clients: just try him!) We plan to have a joint meeting between the Wyoming Chapter/AIA and the University students at Laramie."

We assume there will be more to come on the above. Maybe they will assemble a few of those warm bodies over in Laramie and tell us all about it!

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TO:

Orley O. Phillips, CEC/PE

Distinguished Engineering Alumni Award



Orley O. Phillips

On May first, Orley O. Phillips, Colorado Consulting engineer and President of Phillips-Carter-Reister and Associates, Inc., will be one of seven to be honored by the Engineering Development Council of the Colorado University College of Engineering. For the fifth year, outstanding graduates will be honored by receiving Distinguished Engineering Alumnus Awards. The 1970 recipients are: W. Clinton Duvall, Administrator and teacher of electrical engineering at C. U. for 37 years for his contribution to Education; for Research and Invention, David M. Boyd, Jr., originator of graphic control panel; Government Service, Francis E. Swain, Chief, Division of Data Processing, U. S. Bureau of Reclamation; Industry and Commerce, Sanford N. McDonnell, President of McDonnell Douglas Corporation, Saint Louis, and in Private Practice, Orley Phillips.

Two of the seven awards were made posthumously — Charles A. Hutchinson (1897-1970), Distinguished faculty member at the University of Colorado, and Kenneth Ray White (1919-1963), founder and head of the nationally known firm of Ken R. White, Consulting Engineers, Inc.

Orley Phillips, well known throughout the architecture/engineering/construction community in this area, has had a long and varied career which has taken him to projects throughout the United States, Newfoundland, Canada,

Mexico, Spain and several countries in South America.

As a member and former chairman of the University of Colorado Engineering Development Council, Mr. Phillips has actively served the University's College of Engineering for over 15 years. A leader in his profession, he has served as president of the Colorado Chapter of Professional Engineers, the Colorado Chapter of the American Society of Civil Engineers and director of the National Society. He has been director and vice president of CEC/US, president of the Colorado Engineering Council and is presently chairman of the Colorado State Board of Registration for Professional Engineers and Land Surveyors. Active in civic affairs, Mr. Phillips has been chairman of the City and County of Denver's Board of Appeals, and has been both Chairman and member of the Building Code Advisory Committee for 16 years.

The special banquet to honor these seven outstanding alumni was held at the University Memorial Center on May first with University President, Frederick P. Thieme as the principal speaker.

We would join Mr. Phillips' many friends throughout the industry in congratulating him upon this well-deserved Distinguished Alumnus Award from the University of Colorado. Laurels have been ordered!



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Symposia/May, 1970

Page 37

the construction specifications institute
presents:



THE ORDERLY REVOLUTION

... in Construction Practices
... in Construction Materials and Components
... in Construction Communications

A dynamic technical program, an outstanding group of nineteen speakers and eleven panelists, a 248 booth exhibit, an Early Bird Convention Tour, a Post Convention Tour and a social whirl—these are the ingredients for the 14th Annual Convention of the Construction Specifications Institute. Headquartered at the Conrad Hilton Hotel in Chicago, dates for the 1970 gathering are June 8-10. Presiding officer at the convention will be President Arthur W. Brown, FCSI, completing his one year term on June 30, 1970.

Dr. Myron Tribus, Assistant Secretary of Commerce for Science and Technology, has been named as the Key-note Speaker for the Convention. The entire program is structured to explore the technological innovation which is producing revolutionary changes in the construction industry. In keeping with the Institute's plans and programs for developing a Total Construction Communication System, the Convention Program Committee has stated that "systems" is the key word in "The Orderly Revolution." The program concept emphasizes that

the specifier must continuously evaluate both systems and materials in his practice. Industry members of the Institute must keep abreast with the rapidly expanding flood of new products and furnish appropriate information to the specifier. The changing role of the specifier and new methods being employed at the forward edge of the profession will be explored in depth at the convention.

Speakers for the 14th Annual will come from many areas—from government, labor, the design professions, education and from regulatory bodies concerned with construction and from the Industry itself. Of particular interest to our Symposia region is the appearance of Mr. William E. Naumann, Chairman of the Board for the M. M. Sundt Construction Company of Tucson, Arizona. The M. M. Sundt company does work in all construction categories . . . building, highway, heavy engineering, utility and railroad. It is in its 78th year of continuous operation under the same name. If Mr. Naumann's biographical sketch is any indication, C.S.I. members should find his remarks in Chicago

entertaining as well as knowledgeable. He describes himself as "somewhat educated . . . with a B.S. in Civil Engineering," and he has been "in the construction business for 50 years. All capacities from water boy, mule skinner, field engineer, project engineer, project manager to vice-president and finally Chairman of the Board." In this capacity, Mr. Naumann tells us that his responsibilities are "everything that anybody else doesn't do, including Public Relations, Labor Relations, Foreign Operations, Legal Department, Contract and Claims Negotiation (plus making the first coffee in the morning when in the Tucson office)."

Mr. Naumann has long been active in the Associated General Contractors, having served as president of the Arizona Engineering Chapter, chairman of both the AGC National Labor and Legislative Committee, a member and past chairman of the Labor Committee, of the National Joint Board and Joint Negotiating Committee and a past Chairman of the National AGC Heavy Construction and Utilities Division. He is presently

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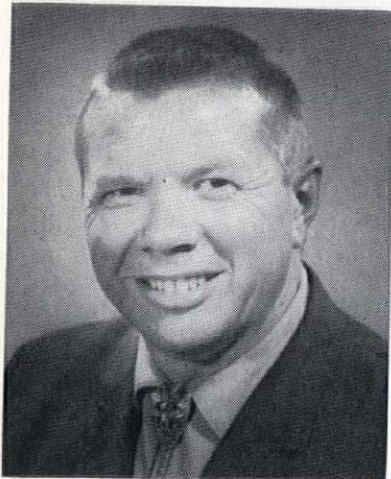
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REPORTING



Robert J. Schmidt

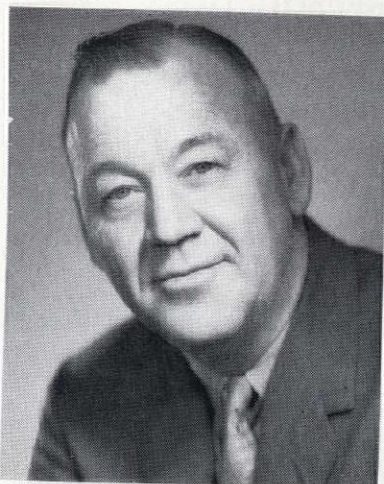
Chairman of the AGC Corps of Engineers Joint Task Unit on Specifications.

He has been cited many times over for his service to the construction industry . . . "Award for Distinguished Service" from the Arizona Chapter/AGC, "Chairman of the Year" in 1965 by the National AGC, and by *Engineering News Record* in 1968 in the Construction "Man of the Year" program.

Under the heading "Condition of Servitude" in his biography, Mr. Naumann writes "Married—wife, Isabelle; one son, John William, age 20." Mr. Naumann will share the platform for the discussion on Construction Labor with Reese Hammond, Director of Research and Education for the International Union of Operating Engineers.

The Annual Exhibit of Building Products will be held in conjunction with the convention and has been recog-

SPEAKING



William E. Naumann, AGC

nized as one of the foremost of its kind in the country.

A break in the serious aspects of the convention will be provided by a lively social program. The Early Bird Tour will feature a boat trip along the Chicago River and the lakefront, culminating in a luncheon at the top of the United of America Building. The Host Chapter Reception is scheduled for Sunday evening, June 7th in the Hilton's Grand Ballroom.

Ladies attending the convention will be treated to an exciting series of events beginning with a lavish smorgasbord and a world famous miniature puppet show at the Kungsholm Scandinavian Restaurant. Several "coffees" are projected as well as a tour of the Chicago Art Institute and a luncheon.

On June 10, the President's Reception and Banquet will climax the convention. This will include the formal investiture of twelve new Fellows of

PRESIDING



Arthur W. Brown, FCSI

the Institute (see Symposia Salute). There will be ladies' prizes and music for dancing following the banquet. The dessert for the entire affair will be provided in the form of a five day Montreal-Quebec Post Convention Tour.

Come June, we can be sure that for members of the Construction Specifications Institute throughout our region . . . all roads will lead to the Conrad Hilton Hotel in Chicago for the biggest and the best of the Institute's conventions.

(Note: We are exceedingly fortunate to have persuaded Mr. Robert J. Schmidt, Director of Region 10/CSI to again report to our Symposia readers on the Annual Convention. We all remember what a bang-up job he did, and in two installments yet, for last year's meeting in Houston. We are all most grateful to Bob for accepting this assignment.)

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Blueprint for a Successful Job

...a workshop



Sponsored by the Phoenix Chapter of the National Association of Women in Construction, a one-day workshop is being presented on May 2 at the Westward Ho Hotel for women employed in the construction industry. While many office responsibilities are similar, construction work is unique for the secretary, stenographer, office manager or accountant, and the workshop is designed to help these women develop skills in human relations, communications, management and self-development.

Specifications for the "Blue Print for a Successful Job" are as follows:

Take Out the Plans: Registration — 8:00 - 8:45 a.m.

Review the Work: 9:00 a.m. until noon.

This session will find Larry Ludden, President of the Home Builders Association of Arizona, welcoming workshop participants; National President of NAWIC, Margaret Borg of Salt Lake City, Utah, will discuss "A Woman's Role in the Business World." Just before Coffee-Break time, there will be a showing of the film, "The General With a Cock-Eyed Id," which delineates the role the General Contractor plays in Construction.

The ladies will reconvene at 10:30 a.m. to review two important subjects . . . the "History of Construction" and "Office Safety."

The Luncheon Speaker will be William E. Naumann, Chairman of the Board, M. M. Sundt Construction Company, Tucson, Arizona. Mr. Naumann, incidentally, is one of the principal speakers at the Annual National Convention of the Construction Specifications Institute in Chicago this June.

Figure the Job: 1:30 p.m. - 2:25 p.m.

Two seminars will be presented at this time. Women in Construction may choose "Bookkeeping and Cost Accounting in Construction," which will be conducted by Mrs. Louise Kuykendahl, CPA or the discussion, "Profile of a Good Office Gal," with Mrs. Mary Jacks, Associate Professor of Office Administration and Business Education at Arizona State University.

At 2:30 p.m., J. Don Willis, Vice President, Public Affairs for Arizona

Public Service, will provide helpful tips on good public relations in a session titled— "How to Sell Yourself and Your Company." Jack W. Ward, Assistant Professor at the College of Engineering, A.S.U., will speak at 3:00 p.m. on "Let's Pursue Our Educational Curiosities," outlining courses, books and publications for self-improvement.

A Final Analysis: 3:45 p.m.

At this time, the panelists from the four workshops will be put "on the spot" by the women present in a problem clinic titled "Down to Brass Tacks."

Check the Equipment: 4:30 p.m.

Exhibits of the latest in office equipment for a leisurely review. Cocktails will be available during the exhibit.

The Registration Fee (after April 16) is \$12.50 and includes the workshop kit, luncheon, both coffee and coke breaks and the exhibits. The Phoenix Chapter of the National Association of Women in Construction is headed by Reta Truffa, and the workshop—"Blueprint for a Successful Job," is their Construction Project for the year. We are certain a great many women active in the construction industry in Arizona will submit their bids for a Bright Future in the Great World of Construction. Good show, girls!

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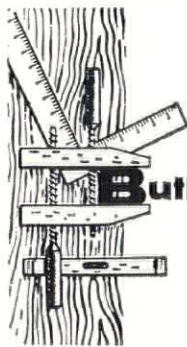
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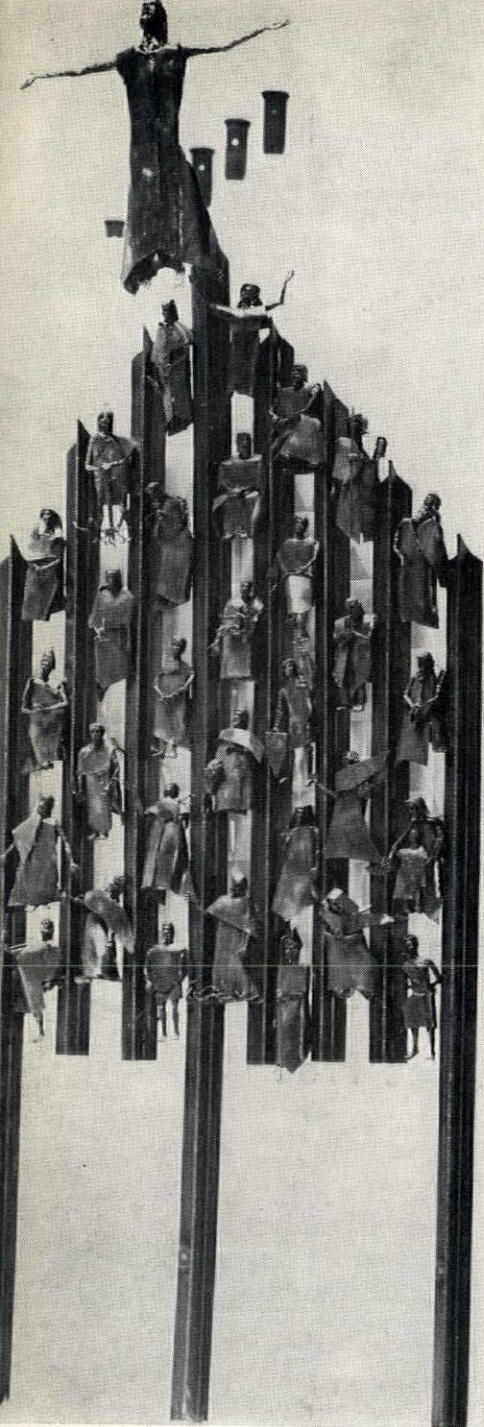
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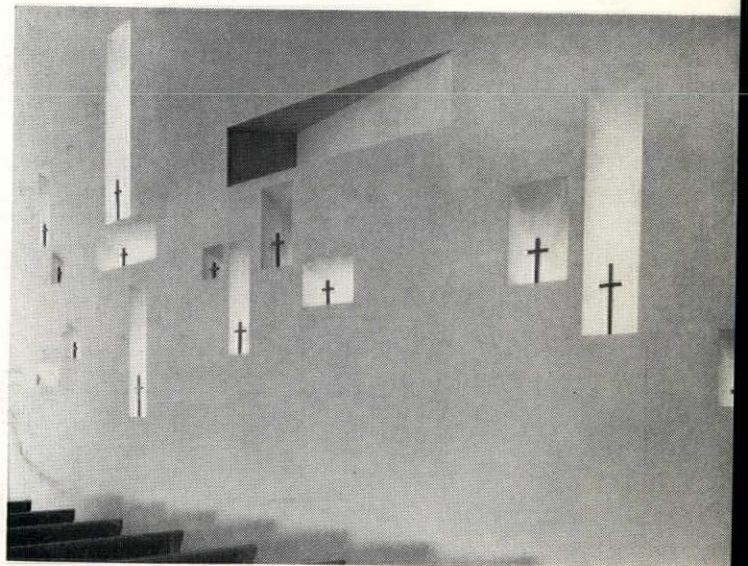
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